



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. [ETSI creates City Digital Profile group on smart cities](#)
2. [CEN, CENELEC & SARSO enable cooperation opportunities between Europe and South Asia](#)
3. [Open standards are key to increasing value from IoT value chain](#)
4. [EU delivering on climate commitments through enhanced global partnerships](#)
5. [ETSI publishes cybersecurity advice on the NIS Directive](#)
6. [New 'Clean Mobility Package' of the European Commission](#)
7. [ETSI launches new group on Augmented Reality](#)
8. [European Commission joins forces to help bringing more broadband in rural areas](#)
9. [ETSI Open Source MANO announces Release THREE](#)
10. [CEN and CENELEC Reinforcing the links with ENISA on cybersecurity](#)
11. [Agreement on Commission proposal to tighten rules for safer and cleaner cars](#)
12. [ETSI signs Memorandum of Understanding with Broadband India Forum](#)



Greeting from SESEI

Dear Readers,

Wish you all a very Happy & Prosperous New Year!

We are pleased to present our seventh edition of “**European Project SESEI Newsletter India**”, comprehensive with quarterly update of news and information around standards, policies, new initiatives and technologies from Europe around our Project Priority Sectors covering ICT, Automotive, Electrical Equipment including Consumer Electronics and Smart Cities.

We are happy to inform you that ETSI has signed a Memorandum of Understanding with the Broadband India Forum (BIF) to promote topics such as 5G, M2M and IoT, IPRs as well as privacy and security related matters in India. ETSI is already actively contributing towards standardization activities in India through the its Project SESEI and the EU-India project on ICT standardization. Similarly, CEN, CENELEC along with & SARSO (South Asian Regional Standards Organization) have also formalized a cooperation agreement which will enable greater technical alignment between Europe and South Asian countries, including India. These are important steps initiated by Europe through its European standards development organizations (ESOs) to create a common framework for sharing of information, transferring of technical knowledge, exchange of best practices in sectors of mutual interest.

ETSI has recently started three new Industry Specification Groups called "City Digital Profile" (ISG CDP), Industry Specification Group on Augmented Reality Framework (ISG ARF) and Zero touch network and Service Management Industry Specification Group (ZSM ISG). ISG CDP will focus mainly on helping cities to become smart while procuring smart solutions which are extendable, configurable and interoperable with similar services from other cities and providers, and provide a clear technology road map for city leaders who will benefit from standardized solutions from their suppliers. The Industry Specification Group on Augmented Reality Framework (ISG ARF) aims to synchronize efforts and identify key use cases and scenarios for developing an Augmented Reality (AR) framework with relevant components and interfaces. The ZSM ISG will initially focus on the 5G end-to-end network and service management such as network slicing management and will extend to the management for future

13. [European Commission to invest EUR 6 billion in digital research in 2018-2020](#)
14. [Software Radio Reconfiguration enables upgrades to in-vehicle and IoT radio systems](#)
15. [Standards: a business tool for SMEs](#)
16. [ETSI launches Zero touch network and Service Management group](#)
17. [2018 Call for proposals of the Active and Assisted Living \(AAL\) Programme pre-announced](#)
18. [White Papers/Publications](#)
19. [Events Calendar 2018](#)
20. [About Project SESEI](#)

network generations. The ZSM ISG will also facilitate the coordination and cooperation between relevant standardization bodies and open source projects.

Security being a crucial component in the digital environment, CEN and CENELEC have also strengthened their cooperation with ENISA (EU agency on Network Infrastructure Security) to evaluate how emerging digital and technology trends could be implemented through standards and to ensure that new European standards effectively address interoperability, security and safety issues in all the business sectors, as well as qualifications of ICT practitioners that respond to emerging technology developments. A very important technical report on Cybersecurity was released by the ETSI's technical committee covering several cybersecurity issues and requirements.

ETSI's Open Source MANO group (OSM) also announced finalization of OSM Release 3, which will include a large set of new capabilities as well as numerous enhancements in terms of scalability, performance, resiliency, security and user experience that facilitate its adoption in production environments.

Millions of businesses apply and use standards to improve efficiency, quality of products and/or services and build customer confidence. This prompted CEN CENELEC to develop a [video for SMEs on the importance of standards as a business tool](#). CEN and CENELEC is making considerable efforts to support the Industry to reach the Paris Agreement (COP22) objectives for a binding domestic CO2 reduction of at least 40% until 2030. To this effect the European Union has launched new strategic partnerships for the implementation of the Paris Agreement, to scale up European climate policy collaborations with other major economies. Europe recognizes India as a key partner notably in the fields of climate action, environment, climate change and urbanization. This partnership was reaffirmed during the [14th EU – India Summit](#), wherein EU-India Clean Energy and Climate Partnership, were initiated.

It is also very interesting to read about the efforts of European Commission to ensure and develop broadband, and help citizens and businesses get better internet. Only 40% of rural households have next generation access compared to 76% of total EU households. The Commission prepared and presented a five-point toolkit on how to bring better broadband in rural areas of the EU. This toolkit consists of a 5-point action plan with concrete deadlines to bring more broadband in rural areas of the EU.

Newsletter covers many more news items and also cover details of events and webinars being organized by project partners along with their various white papers and 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](#)

ETSI creates City Digital Profile group on smart cities

ETSI is pleased to announce the creation of a new Industry Specification Group "City Digital Profile" (ISG CDP) that will help accelerate the delivery of integrated citizen services and provide a technology road map for city leaders who will benefit from standardized solutions from their suppliers. In providing this technology framework and clear roadmap for technology investment and deployment, market confidence levels in the city infrastructure investments should increase and in addition this will give cities the possibility to replicate those solutions across domains, between cities and on a large scale. Smart services are intended to improve the overall quality of living in the city and make them attractive to citizens, investors, business, innovators, visitors and tourists.

The City Digital Profile ISG will enable cities to procure smart solutions with confidence that those solutions will be extendable, configurable and interoperable with similar services from other cities and providers. City administrators will therefore deliver advanced services to their citizens, whilst respecting essential environmental factors, sustainability objectives and reducing the overall cost of deployment.

[Read More](#)

[Back to contents](#)

CEN, CENELEC & SARSO enable cooperation opportunities between Europe and South Asia

The three organizations – CEN (European Committee for Standardization), CENELEC (European Committee for Electrotechnical Standardization) and SARSO (South Asian Regional Standards Organization) – have committed themselves to formalize their cooperation on issues of joint interest, in order to foster greater technical alignment between Europe and South Asian countries, including India, where a European standardization expert is already located to represent the three European Standardization Organizations (together with ETSI). By establishing a concrete dialogue and promoting the harmonization of standards at international level, they will help facilitate trade in goods and services between Europe and SAARC's member states, thereby contributing to sustainable growth in these regions.

This MoU between CEN, CENELEC and SARSO provides a common framework for the sharing of information, transferring of technical knowledge, exchange of best practices in sectors such as textile, electrical and electronic goods, chemicals, food and building materials, as well as for supporting the work made by the international standardization organizations, namely ISO and IEC.

[Read More](#)

[Back to contents](#)

Open standards are key to increasing value from IoT value chain

Communication Service Providers (CSPs) must adopt an open standards approach if they are to make the most of the revenue opportunities presented by Internet of Things (IoT) applications that use Low Power Wide Area (LPWA) networks. A common IoT service layer will result in increased cost-effectiveness, improved scalability and greater confidence that today's IoT deployments will be future-proof. That is the finding of Boost LPWA revenue through oneM2M, a new white

paper published today by [oneM2M](#), the global IoT standards initiative. This most recent white paper is part of oneM2M's ongoing work to accelerate mass deployment of the IoT which will bring value to both CSPs and end-users.

"While the latest figures from Analysys Mason suggest there could be 3.4 billion LPWA connections by 2025, the forecasted revenue per connected device is relatively low unless CSP strategies to tap into the larger revenue opportunity provided through application enablement become mainstream," said oneM2M's Technical Plenary Chair Dr. Omar Elloumi. "With the recent ramp-up of LPWA deployments worldwide, we have seen an increasing number of CSPs adhering to the oneM2M value proposition, but they will need to expedite their strategies to improve the value they are seeing from the IoT. oneM2M provides a great opportunity to monetise LPWA, effectively making it application developer-centric."

Open standards for the IoT were developed after enterprises that deployed the early wave of IoT connections found themselves restricted by a vertical approach to platform management. Working in this way restricted the applications' scalability, limited cost-effectiveness and stifled interest from device manufacturers and app developers, who found themselves repeating efforts to integrate different connections and device management protocols.

[Read More](#)

[Back to contents](#)

EU delivering on climate commitments through enhanced global partnerships

To this end the European Union is backing up its political commitment with concrete actions to cooperate more closely with major economies to implement the 2015 Paris Agreement on Climate Change and environmentally-friendly practices more broadly.

The European Union has launched new strategic partnerships for the implementation of the Paris Agreement, a programme co-financed by the EU's [Partnership Instrument](#) (€20 million) and the [German International Climate Initiative](#) (€5 million) to scale up European climate policy collaborations with other major economies. Partnerships will be undertaken to facilitate the exchange of climate policy options, to advance bilateral cooperation on investment and to contribute to improving public awareness. They will cover small projects at the national level, study visits, workshops and business forums. These new partnerships are a reflection that cooperation between major economies is necessary to achieve the objectives that have been agreed. Climate change requires a decisive and confident response from all major economies, as they represent a large share of global population, economic output and greenhouse gas emissions.

Supporting green growth in India : The [14th EU – India Summit](#) reinforced the strategic importance of India as a key partner of the European Union, notably in the fields of climate action, environment, climate change and urbanisation. The commitments established under the Paris Agreement, as well as the EU-India Clean Energy and Climate Partnership, were reaffirmed. Cooperation regarding smart and sustainable urbanisation was also boosted.

In this context, the EU has adopted the action "Business Support to the EU-India Policy Dialogues" (€3.8 million) to further develop the EU - India partnership by promoting sustainable energy and urbanisation, as well as environmentally friendly practices, with hands-on, technical solutions from EU businesses, notably small and medium-sized enterprises (SMEs).

This cooperation will help position the EU as a partner of choice for India in the areas of environment, energy, climate and urbanisation and contribute to an increased and diversified presence of EU companies in the Indian market.

[Read More](#)

[Back to contents](#)

ETSI publishes cybersecurity advice on the NIS Directive

ETSI announced the publication of [ETSI TR 103 456](#), a technical report released by ETSI's technical committee on Cybersecurity (TC CYBER). The report provides advice on implementing the NIS Directive which lays down measures for a high common level of security of network and information systems across the European Union. [ETSI TR 103 456](#) provides guidance on the available technical specifications and those in development by major cybersecurity communities in the world which are designed to meet the legal measures and technical requirements of the NIS Directive. The report covers several cybersecurity issues and requirements:

- Methods for structured sharing and exchange of information
- Incident notification
- Technical and organizational information system risk management
- Challenges and solutions
- Technical recommendations

Cybersecurity risk management involves assessing a range of risks in the context of an organization's environment, understanding assets, resources and processes that are fundamental to the organization, and taking steps to ensure that the organization continuously improves how it protects, detects threats and responds to incidents involving those assets, resources and processes.

[Read more](#)

[Back to contents](#)

New 'Clean Mobility Package' of the European Commission

CEN and CENELEC welcome the proposal of the European Commission on the [Clean Mobility Package](#) made on the fringe of the '2017 UN Climate Change Conference' opening week in Bonn (COP23). The Clean Mobility Package is an important and necessary step forward if Europe wants to reach the Paris Agreement (COP22) objectives for a binding domestic CO2 reduction of at least 40% until 2030.

The Clean Mobility Package will help enhance and push further a cleaner, innovative and digitized European industry, where standardization will play a key role. The competitiveness of European industry is at the heart of the CEN and CENELEC standardization work. European and international standards are making sure that European companies can have state-of-the-art solutions to keep and enhance their competitiveness on the global market. Working closely with the industry, CEN and CENELEC standardizers have already identified and started work programmes on energy efficiency, batteries, electric vehicles and climate change adaptation.

[Read More](#)

[Back to contents](#)

ETSI launches new group on Augmented Reality

ETSI has just launched a new Industry Specification Group called Augmented Reality Framework (ISG ARF). This new group aims to synchronize efforts and identify key use cases and scenarios for developing an Augmented Reality (AR) framework with relevant components and interfaces. It will provide technical requirements for AR specifications in order to ensure interoperable implementations that will benefit both technology providers and end-users.

The work of the ISG will start with an analysis of the AR standards landscape, the analysis of use case requirements and obstacles, and the development of a framework architecture. Augmented Reality is the ability to mix in real-time spatially registered digital content with the real world. AR technologies and applications will play an essential role in Industry 4.0, and the success of smart cities and smart homes. Mobility, retail, healthcare, education, public safety are other examples of domains where AR will bring significant value. AR is quickly advancing into a new phase of enabling context-rich user experiences that combine sensors, wearable computing, the Internet of Things and artificial intelligence. That capability is a unique opportunity of value creation. The need for transparent and reliable interworking between different AR components is key to the successful roll-out of such services.

Participation in the Augmented Reality Industry Specification Group is open to all ETSI members as well as organizations who are not members. For information on how to participate please contact ISGsupport@etsi.org.

[Read More](#)

[Back to contents](#)

European Commission joins forces to help bringing more broadband in rural areas

The European Commission together with the Member States have set up Broadband Competence Offices to advise local and regional authorities on ways to develop broadband, and help citizens and businesses get better internet. At the same time the Commission presented a 5 point toolkit on how to bring better broadband in rural areas of the EU. Only 40% of rural households have next generation access compared to 76% of total EU households. Therefore in the margins of the [Broadband Days](#), the Commission together with the Member States launched [Broadband Competence Offices](#) (BCOs) and a toolkit for rural broadband. This toolkit consists of a 5-point action plan with concrete deadlines to bring more broadband in rural areas of the EU.

Action 1: Setting up the Broadband Competence Offices. The [broadband competencies offices](#) will help improving broadband connectivity in rural areas. They will provide guidance to public administrations, telecom operators, and all other public and private stakeholders interested in rolling out broadband infrastructure and services. Their aim is to gather all information related to broadband, such as funding, technology or regulatory issues, in one single point of contact within the EU countries. Launched on 20 November 2017.

Action 2: deployment of "Broadband missions" to member states and regions with low levels of rural broadband coverage. These missions will comprise experts from across the Commission, who can provide technical assistance to unlock the administrative and financial bottlenecks to broadband rollout. This action could be implemented by June 2018.

Action 3: design a "common methodology" for planning, reporting, monitoring of broadband investments. This should be a useful indicator and resource for regions that wish to increase rural broadband coverage. This action could be implemented by April 2018.

Action 4: introduction of a "rural proof test" which will prioritise rural broadband in the reprogramming of any structural and investment funds. The checklist could be ready by April 2018.

Action 5: update the Commission's guide to high-speed broadband investment to help local communities to launch successful projects, by March 2018.

[Read More](#)

[Back to Contents](#)

ETSI Open Source MANO announces Release THREE

ETSI Open Source MANO group (ETSI OSM) announces finalization of OSM Release THREE, keeping the pace of a release every 6 months. This release includes a large set of new capabilities as well as numerous enhancements in terms of scalability, performance, resiliency, security and user experience that facilitate its adoption in production environments. OSM Release THREE provides a highly functional and reliable component for NFV Orchestration that enables all industry players to accelerate their deployment plans, with no need to change their target architectures for NFV infrastructure or OSS transformation.

With a new role-based access control, OSM Release THREE enables users from different service providers to access the OSM system with the appropriate set of privileges. It facilitates the adoption of complex operation workflows without compromising the security of the network or its operations. Release THREE also includes the support of projects. These projects are shared spaces where users can access and operate a given set of Network Services (NS) and Virtual Network Functions (VNF), enabling collaborative work with orchestration. A comprehensive description of the new features that come with OSM Release THREE can be found in the [new white paper](#) from our OSM Community.

[Read More](#)

[Back to contents](#)

CEN and CENELEC Reinforcing the links with ENISA on cybersecurity

CEN and CENELEC are committed to reinforce the standardization voice in the Digital Single market and collect the new best practices that allow manufacturers and service providers to improve the security features of products, systems and services and boost consumer's trust in the digital environment.

CEN and CENELEC have the opportunity to strengthen the cooperation with ENISA (EU agency on Network Infrastructure Security) to evaluate how emerging digital and technology trends could be implemented through standards and to establish better synergies with ENISA's expert network. This is in line with the recently adopted CEN-CENELEC strategy in order to meet industry needs for digital transformation.

CEN and CENELEC will be in a better position to contribute to the effective implementation of the upcoming [ENISA Regulation \(EU 'CyberAct'\)](#), and to ensure that new European standards effectively address interoperability, security and safety issues in all the business sectors, as well as qualifications of ICT practitioners that respond to emerging technology developments. Through participation in the PSG, synergies will be achieved between policy objectives and standardization initiatives, in particular on cybersecurity, data privacy, smart meters, smart grids, smart cars and blockchain (DLT).

[Read More](#)

[Back to contents](#)

Agreement on Commission proposal to tighten rules for safer and cleaner cars

The European Parliament, the Council and the Commission reached a political agreement to significantly raise the quality level and independence of vehicle type-approval and testing, increase checks of cars that are already on the EU market and strengthen the overall system with European oversight. The EU co-legislators have reached an agreement on the [Commission proposal from January 2016](#) to fully overhaul the EU 'type-approval' framework: the rules for certifying that a vehicle meets all requirements to be placed on the market and for rigorous checking of manufacturers' ongoing compliance with EU law. The main building blocks of the new rules are:

- 1. Raise the quality level and independence of type-approval and testing before a car is placed on the market:**
Technical services will be regularly and independently audited, on the basis of stringent performance criteria, to obtain and maintain their designation by a Member State for testing and inspecting new car models.
- 2. Increase checks of cars that are already on the EU market:** While the current type-approval rules deal mainly with ex ante controls of prototypes taken from the production line, in the future Member States will have to carry out regular spot-checks on vehicles already on their market and such results will be made publicly available.
- 3. European oversight:** In the future, the Commission will carry out market checks independently from Member States and will have the possibility to initiate EU-wide recalls.

In the future, car manufacturers will have to provide access to the car's software protocols. This measure goes hand in hand with the Real Driving Emissions package, which will make it very difficult to circumvent emission requirements and includes an obligation for manufacturers to disclose their emissions reduction strategies, as is the case in the U.S.

The Type-Approval Regulation complements a number of other important Commission initiatives for clean mobility, including [new and improved car emissions tests which became mandatory on 1 September 2017](#), and [proposals for new CO2 emissions targets to help accelerate the transition to low- and zero emission vehicles](#).

[Read More](#)

[Back to contents](#)

ETSI signs Memorandum of Understanding with Broadband India Forum

During its 70th General Assembly, which took place from 28 to 29 November, ETSI signed a Memorandum of Understanding with the Broadband India Forum to promote topics such as 5G, M2M and IoT, IPRs as well as privacy and security related matters in India.

The Broadband India Forum activities address training, research, study, promotion and establishment about convergent technologies and projects based on Internet Protocol (IP), Broadband and SatCom-Broadcasting particularly over wire line and wireless. The Forum acts as a bridge between Industry and Government and Regulatory Bodies.

Through the SESEI and the EU-India project on ICT standardization, ETSI is already actively involved in India and their standardization activities. Signing a MoU with Broadband India Forum will allow ETSI to leverage its activity at a government level in India and for the Broadband India Forum to promote the use of standards-based communication technologies in India.

[Read More](#)

[Back to contents](#)

European Commission to invest EUR 6 billion in digital research in 2018-2020

The last phase of Horizon 2020, the EU's Research and Innovation programme, has been launched. Roughly EUR 6 billion out of the overall budget of EUR 30 billion will be spent on research and innovations in the ICT sector. The recently published [interim evaluation of Horizon 2020 programme](#) concluded that [Horizon 2020](#) is a unique and well performing programme. Well over 100.000 applications confirm the popularity of EU funding. Yet, the study concludes that the EU still underinvests in Research and Innovation. The EU's biggest ever research and innovation will aim to tackle this by investing EUR 30 billion. EUR 6 billion will be allocated to ICT related projects covering the full innovation chain, from basic research to market uptake. As one of the main political drivers for the design of Horizon 2020, digitalisation is present in many areas of the work programme 2018-2020.

The Digitising and transforming European industry and services focus area will account for EUR 1.7 billion and forms the core of ICT calls. This focus area will be set together out of several parts of the programme, mainly the Leadership in Enabling and Industrial Technologies and Societal Challenges pillars. [Cybersecurity](#), as one of President Juncker's [key priorities](#), will have an additional share in the Boosting the effectiveness of the Security Union focus area (EUR 1 billion).

[Read More](#)

[Back to contents](#)

Software Radio Reconfiguration enables upgrades to in-vehicle and IoT radio systems

Most new cars sold today offer connectivity as a feature, whether standard or optional. Customers expect their navigation systems to be connected, to download real time traffic information and map updates. Vehicle manufacturers increasingly provide remote diagnostics and vehicle software updates. And yet a fundamental problem remains: today these vehicles use 2G, 3G or 4G mobile networks to connect, while long before the end of their useful lives, 5G networks will be more common. The complete lifecycle of a vehicle is significantly longer than that of a mobile device, and completely out of step.

ETSI's Technical Committee for Reconfigurable Radio Systems has developed a system which can help solve this and similar issues. ETSI's Software Radio Reconfiguration model provides a modular and scalable solution to the challenge of deploying and using software radio systems. The solution, described in a recent [ETSI white paper](#) and in the [EN 303 146 series](#) of European Standards, allows a gradual and stepwise deployment of software reconfigurable radio. This enables device manufacturers to gradually implement software reconfigurable radios, developing confidence at each step of the way.

[Read More](#)

[Back to contents](#)

Standards: a business tool for SMEs

Millions of businesses – among which the vast majority are SMEs – are applying and using standards every day. Standards can improve an SME's efficiency, help them to win new business and build customer confidence in their products and services. Alongside the direct benefits of using standards, there can also be indirect benefits that are just as important for the long-term success of their business: Standards are a way of showing to the world that SMEs are committed to excellence – not just in the quality of their products and/or services – but also in terms of health and safety, management processes, environmental aspects, etc.

As key users of standards, it is vital for the success of their business that they know which standards to use and how to apply them in the correct way. It is also of paramount importance that they get more involved and participate actively in the development of standards, so that they can ensure that standards are fit for purpose, relevant and responsive to their needs. SMEs who participate in standardization, gain a positive perception and reputation of their business.

For this, SMEs need to understand how standards are developed, and how they can contribute to the standardization process. By getting involved, SMEs can shape the content of new standards that will affect their business while they are being prepared. SMEs can make sure that any concern or issue they consider important is taken into account during the drafting and development process, and prevent (or minimize) any potential cost or other negative impact on their business.

[Read More](#)

[Back to contents](#)

ETSI launches Zero touch network and Service Management group

ETSI is pleased to announce the creation of the Zero touch network and Service Management Industry Specification Group (ZSM ISG). The ETSI ZSM ISG will initially focus on the 5G end-to-end network and service management such as network slicing management and will extend to the management for future network generations. The goal is to have all operational processes and tasks - delivery, deployment, configuration, assurance, and optimization - executed automatically, ideally with 100% automation.

The group will define a new, future-proof, horizontal and vertical end-to-end operable framework enabling agile, efficient and qualitative management and automation of emerging and future networks and services. Horizontal end-to-end refers to cross-domain, cross-technology aspects. Vertical end-to-end refers to cross-layer aspects, from the resource-oriented up to the customer-oriented layers. The ZSM group will also facilitate the coordination and cooperation between relevant standardization bodies and open source projects. To know more about this technology, please [download this white paper](#).

[Read More](#)

[Back to contents](#)

2018 Call for proposals of the Active and Assisted Living (AAL) Programme pre-announced

The AAL Association has announced the challenge for its next AAL 2018 Call for proposals: 'Smart Solutions for Ageing well'. The new challenge-led call will have room for more flexible, smaller innovation projects. It will open in February 2018. The AAL Call 2018 will have the following key features that differ from previous AAL calls:

- It will be open to collaborative projects developing ICT-based solutions targeting any application area(s) within the AAL domain, with a focus on specified markets;
- It will allow for more flexibility regarding scope, size and duration of the proposed projects, including small collaborative projects.

[Read More](#)

[Back to contents](#)

White Papers/Publications

ETSI released Whitepaper on Improved operator experience through Experiential Networked Intelligence (ENI)

This white paper draws attention to the need to improve the operator experience. The use of artificial intelligence (AI) techniques in the network management system could help solve some of the problems of future network deployment and operation based on the “observe-orient-decide-act” control model. [Read more/Download](#)

ETSI White Paper “Software Radio Reconfiguration: A highly efficient and modular software reconfiguration approach for mobile devices

ETSI has developed a framework which enables reconfiguration of wireless equipment through software. The technology is flexible in that original hardwired components may selectively be re-parameterized or replaced by software components. [Read more/Download](#)

CEN and CENELEC’s Work Programme 2018 is available

CEN and CENELEC’s ‘Work Programme 2018’ is published. It details what will be the developments in each of the 14 business sectors in 2018, building on the achievements of 2017. Each sector lists the technical bodies involved in carrying out the work, the number of standards published by CEN and CENELEC, the work items currently in the work programmes and the standardization requests received from the European Commission and EFTA. [Read more/Download](#)

A guide to ICT-related activities in Horizon 2020 Work Programme 2018-20

The last phase of Horizon 2020, the EU's Research and Innovation programme, has been launched. Roughly EUR 6 billion out of the overall budget of EUR 30 billion will be spent on research and innovations in the ICT sector. ICT is present in many of the Horizon 2020 areas. This guide is designed to help potential proposers find ICT-related topics across the different parts of H2020 in work programme 2018-20. [Read More](#)

[Back to contents](#)

Events Calendar 2018

[eSignature and eSeal validation workshop](#)

ETSI, Sophia Antipolis, France, 10 January 2018

The one-day workshop on "eSignature and eSeal validation" will discuss about standardization for eSignature/eSeal Validation services provided by Trust Service Providers, addressing conformity assessment, protocols and validation report. The objective is to define standards adequate to reach the objective of the eIDAS Regulation. [Read more](#)

[1st OSM Hackfest](#)

ETSI Premises, Sophia Antipolis, France 15-19 January 2018

ETSI's Centre for Testing and Interoperability and the OSM community are organising the 1st OSM Hackfest on 15-19 January 2018. The event will be hosted in ETSI's headquarters in Sophia Antipolis, France and co-located with the Second NFV Plugtests event. [Read more](#)

[2nd NFV PLUGTESTS](#)

ETSI Premises, Sophia Antipolis, France, 15-19 January 2018

ETSI's Centre for Testing and Interoperability is organising the second NFV Plugtests™ event on 15-19 January 2018. The event will be hosted in ETSI's headquarters in Sophia Antipolis, France. [Read more...](#)

[9th ETSI ITS Workshop](#)

Berlin, Germany, 6-8 March 2018

The 9th ETSI Workshop on Intelligent Transport Systems (ITS) will take place on 6-8 March 2018 and will kindly be hosted by the Federal Ministry of Economic Affairs and Energy in the city of Berlin, Germany.

[Read more...](#)

[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...](#)

[Back to contents](#)

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