SESEI IV

Seconded European Standardization Expert in India

Newsletter

INDIA | January 2021 | ISSUE 06

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

Greeting from SESEI!!!

Dear Readers,

While sharing this sixth edition of SESEI newsletter Europe, I would like to begin with wishing you all a very Happy New Year 2021. May this year be full of hope and victory for all of us, harbinger of peace, good health and vitality for our families, society, country and most importantly the economy. With the advent of COVIDVaccines, the entire mankind is once again hopeful for the return of normalcy soon. This edition of the SESEI Newsletter India will provide you with latest updates, news, and information from the European standardization bodies covering new technologies, latest development & releases of standards, initiatives and policy recommendation from European Commission for the period of October to December 2020.

At the very outset, we are please & proud to sharethis that post its transposition by TSDSI, Ministry of Communicationthrough its technical arm Telecommunication Engineering Centre (TEC) have adopted OneM2M specifications as the national standards for IoT/M2M technologies in India. Adoption of national IoT standards is a big milestone for India and will provide a framework to support applications and services such as smart grid, connected car, home automation, public safety, health and many more.

Standards play a great role in sustainability, safety, innovation, and consumer choice. Developing environmentally ambitious standards is also instrumental to achieve some of the UN's Sustainable Development Goals (SDGs). Standards also play a fundamental role in Research & Development and innovation. Protecting the planet with standards was the theme of the World Standards day celebrated on 14th October 2020.

ETSI being one of the world-leading Standards Developing Organization (SDO) is taking a lead in recognizing global importance of ICT standards to support the digital transformation of society as well as its sustainable development. In this regard, ETSI has unveiled its new strategy called "Designing tomorrow's world", which will be at the forefront of new Information and Communication Technology (ICT) and lead the development of standards that enable a sustainable and securely connected society.

Conformance to standards, also ensure that only safe products are available in the market and European standards (EN) have always had a huge role to play in fulfilling this ambition. This important role is highlighted in a recent Position Paper, published by CEN and CENELEC in response to a stakeholder's consultation launched by the European Commission on the "General Product Safety Directive".

To highlight the benefits of standardization for startups, innovators, and venture capitalists, CEN-CENELEC have defined an Innovation Planandsuccess story of Bitmovin is shared as a start-up that managed to scale-up due to standardization.

A new EU Cybersecurity Strategy is presented by European Commission for resilience towards cyber threats and help to ensure that all citizens and businesses can fully benefit from trustworthy and reliable services and digital tools. An interesting brochure developed by the CEN and CENELEC Sector Forum for Security (SF-Sec) was also released illustrating areas of security to which standardization is contributing. ETSI TS 103 523-1: Part 1 of the Middlebox Security Protocol (MSP) was released by ETSI, allowing middleboxes to perform vital functions securely whilst keeping up with the rapid pace of technical development.

Other new standards as developed by ETSI recently are OSM Release NINE and ETSI GS NFV-IFA 040 by the ETSI group on Network Functions Virtualization. OSM Release NINE completes the alignment process with ETSI NFV specifications, standardizing the onboarding process for VNFs into OSM fosters interoperability and boosts the growth of OSM's VNF ecosystem. Whereas, the ETSI GS NFV-IFA 040 specifies requirements for service interfaces and an object model for OS (Operating System) container management and orchestration.Another important milestone achieved by ETSI was launch of DECT 2020new radio interface for IoT technologies. DECT-2020 NR was developed to support broad and diverse wireless IoT applications requiring both ultra-reliable and low-latency communication needed in voice and industrial applications.

Smart & Green Mobility is another common subject between Europe and India. European Commission recently presented its 'Sustainable and Smart Mobility Strategy' laying down the foundation for "how the EU transport system can achieve its green and digital transformation and become more resilient to future crises". Concrete milestones to be achieved by 2030 have also been defined as part of this strategy.

CEN and ISO published a freely available brochure on Cooperative Intelligent Transport Systems (C-ITS).This extensive document provides up-to-date information on global standardization in the domain of Cooperative ITS (C-ITS) which has the potential to further increase the benefits of ITS services and applications. Three standards related to Vulnerable Road Users (VRU) protection have been completed by the ETSI TC ITS-the committee in charge of Intelligent Transport Systems. This standard defines the VRU awareness service together with its key interfaces and protocols as well as the VRU awareness message (VAM) format, semantics, and syntax.

Many other important developments as released by the Project partners, White Papers/ Strategy documents and upcoming events/seminars also forman integral part of our newsletter. We are hopeful that you will find this 6th edition of our newsletter, interesting and informative read. We wish you all a very happy New Year once again.

Warm regards,
Dinesh Chand Sharma
(Seconded European Standardization Expert in India)

OneM2M Standard has been selected as a National Standard in India

OneM2M, the global standards initiative for M2M and IoT technologies of which ETSI is a founding member, is thrilled to announce that its standard has been adopted at a national level in India to develop the 100 smart cities plan of the country.

The standard, developed by a joint global collaborative effort, has already been transposed in India by the Telecommunications Standards Development Society, India (TSDSI). The national adoption of the TSDSI transposition of oneM2M standard highlights the importance of collaboration, testing and certification in the development of IoT devices and software and it will also propel India in the global Internet of Things (IoT) market.

"*We are pleased to announce the adoption of TSDSI transposition of oneM2M global standards as national standards for the IoT/M2M ecosystem in India. We have completed this adoption process after following an exhaustive process of consultation as well as critical analysis by a Consultative Committee,*" said Sh. Udai K. Srivastava, Senior DDG at TEC. "*IoT/M2M will play a significant role in the expansion of the digitally connected society and the realisation of the Smart City Mission program in India.*"

Read more

Back to contents

CEN, CENELEC's new position paper on the intended revision of the General Product Safety Directive (2001/95/EC)

The European Commission intends to propose by the end of 2020 a new European Consumer Agenda setting out the main consumer policy priorities in the EU for the years to come. The overall aim is to take stock of a number of trends affecting consumer markets and the related challenges. Incidents linked to Covid-19 have further highlighted some of these trends, for example the increasing use of online sales channels and the need to ensure safety for consumers in this context.

One of the main aims of the European Union, through its consumer safety legislation, is to ensure that only safe products are available on the European single market. European standards (EN) have always had a huge role to play in fulfilling this ambition. This important role is highlighted in a recent Position Paper, drafted and published by CEN and CENELEC in response to a stakeholder's consultation launched by the European Commission on the General Product Safety Directive.

Read More>>

Back to contents

Commission adopts Action Plan on Intellectual Property to strengthen EU's economic resilience and recovery

The European Commission published a new Action Plan on Intellectual Property to help companies, especially small and medium-sized companies (SMEs), to make the most of their inventions and creations and ensure they can benefit our economy and society.Intellectual property (IP) is a key driver for economic growth as it helps companies to valorise their intangible assets. The Action Plan aims at enabling the European creative and innovative industry to remain a global leader and at speeding up Europe's green and digital transitions. In particular, the Action Plan sets out key steps to improve the protection of IP; to boost the uptake of IP by SMEs; to facilitate the sharing of IP to increase the technological uptake in the industry; to fight counterfeiting and

improve the enforcement of IP rights; and to promote a global level playing field. Action Plan announces measures in five key areas:

- Improving the protection of IP
- Boost the uptake of IP by small and medium-sized companies (SMEs)
- Facilitate the sharing of IP
- Fight counterfeiting and improve enforcement of IP rights
- Promote a global level playing field

Factsheet on the Action Plan on Intellectual Property
Action Plan on Intellectual Property *"Making the most of the EU's innovative potential – An intellectual property action plan to support the EU's recovery and resilience"*

Read more>>

Back to contents

ETSI Releases Middlebox Security Protocols Framework Specifications

ETSI announced a new specification, ETSI TS 103 523-1: Part 1 of the Middlebox Security Protocol (MSP) series, which defines the security properties of a Middlebox Security Protocol.Middleboxes are vital in modern networks - from new 5G deployments, with ever-faster networks that need performance management, to resisting new cyberattacks with evolved threat defence that copes with encrypted traffic, to VPN provision. Industry needs middlebox technology to keep pace with these and other evolving and diverse use cases. However, middlebox deployments often raise complex and multi-layered questions around the security, privacy and trust of using middleboxes.

MSP Part 1 (ETSI TS 103 523-1) addresses this gap by specifying a new security framework for middlebox protocols, allowing middleboxes to perform vital functions securely whilst keeping up with the rapid pace of technical development.The MSP series is driven by four important principles that are vital for secure MSP deployments to perform their functions. These are:

- Data Protection (DP): protecting data from network attackers and malicious actors.
- Transparency (T): having knowledge of which parties have what access to the data.
- Access Control (AC): allowing endpoints meaningfully to grant access to parties with this knowledge.
- Good Citizen (GC): preventing complexity that adds DDoS attack vectors to the network.

Read more>>

Back to contents

New EU Cybersecurity Strategy & New Rules to Make Physical and Digital Critical Entities More Resilient

The European Commission and the High Representative of the Union for Foreign Affairs and Security Policy are presenting a new EU Cybersecurity Strategy. As a key component of Shaping Europe's Digital Future, the Recovery Plan for Europe and the EU Security Union Strategy, the Strategy will bolster Europe's collective resilience against cyber threats and help to ensure that all citizens and businesses can fully benefit from trustworthy and reliable services and digital tools. Whether it is the connected devices, the electricity grid, or the banks, planes, publicadministrations and hospitals Europeans use or frequent, they deserve to do so with the assurance that they will be shielded from cyber threats.

The new Cybersecurity Strategy also allows the EU to step up leadership on international norms and standards in cyberspace, and to strengthen cooperation with partners around the world to promote a global, open, stable and

secure cyberspace, grounded in the rule of law, human rights, fundamental freedoms and democratic values.

- ❖ [Factsheet](#) on the new EU Cybersecurity Strategy
- ❖ [Factsheet](#) on Cybersecurity: EU External Action

[Read more>>](#)

[Back to contents](#)

World Standards Day 2020: Standards Are Essential to Protect the Planet

On 14 October 2020, CEN, CENELEC and ETSI, the three official European Standardization Organizations, joined the international standardization community in celebrating World Standards Day. By focusing on the environment, this year's edition aims to raise awareness on the potential of standards to help tackle the climate crisis.

Standards play a great role in boosting the ecological transition. They can make home appliances, devices and infrastructures more energy-efficient, create ways to reuse and recycle waste, and set incentives to make steel and cement more sustainable. Developing environmentally ambitious standards is also instrumental to achieve some of the UN's Sustainable Development Goals (SDGs). This year's World Standards Day, "[Protecting the planet with standards](#)", celebrates the potential of standards to help our world become more sustainable by setting common rules that help businesses provide better goods and services, while respecting planetary boundaries. It is a moment to showcase particularly successful examples of how standards contribute safe and proactive changes to our world and raise awareness on the importance of standardization to the world economy, but also the environment and consumers worldwide.

[Read More](#)

[Back to contents](#)

Open Source MANO Release Nine Fulfills ETSI's Zero Touch Automation Vision

ETSI announced the launch of [OSM Release NINE](#) . With an array of new features, this Release completes the alignment process with ETSI NFV specifications, culminating in native adoption of [ETSI GS NFV-SOL006](#) for network functions and service modelling. Standardizing the onboarding process for VNFs into OSM fosters interoperability and boosts the growth of OSM's VNF ecosystem. Release NINE coincides with the announcement of a new production [deployment](#), confirming OSM as the most comprehensive open-source NFV orchestrator and a key enabler for zero-touch end-to-end network and service automation.

OSM Release NINE is the result of almost five years of development and part of the industry's greater effort towards adopting standards, striving to ensure a healthy and diverse ecosystem of interoperable orchestrators, clouds, and network functions.

[Read more>>](#)

[Back to contents](#)

Commission presents its plan for Green, Smart and Affordable Mobility

The European Commission presented its ['Sustainable and Smart Mobility Strategy'](#) together with an Action Plan

of 82 initiatives that will guide its work for the next four years. This strategy lays the foundation for how the EU transport system can achieve its green and digital transformation and become more resilient to future crises. As outlined in the [European Green Deal](#), the result will be a 90% cut in emissions by 2050, delivered by a smart, competitive, safe, accessible and affordable transport system.

Milestones for a smart and sustainable future: All transport modes need to become more sustainable, with green alternatives widely available and the right incentives put in place to drive the transition. Concrete milestones will keep the European transport system's journey towards a smart and sustainable future on track:

By 2030:
- at least 30 million zero-emission cars will be in operation on European roads
- 100 European cities will be climate neutral.
- high-speed rail traffic will double across Europe
- scheduled collective travel for journeys under 500 km should be carbon neutral
- automated mobility will be deployed at large scale
- zero-emission marine vessels will be market-ready

- ❖ [Sustainable and Smart Mobility Strategy](#)
- ❖ [Factsheet - The Transport and Mobility Sector](#)

[Read more>>](#)

[Back to contents](#)

Alin Healthcare: Paving the Way with Standardization - CENand CENELEC'S Stakeholders' Workshop

In recent years, and in the current quest for digital sovereignty, AI has become one of the top strategic priorities and a key driving force of economic growth. Healthcare is a sector in which this game-changing technology has a particularly high potential to make a huge difference for both health professionals and patients: it allows for faster data analysis and diagnoses, optimises time or outbreak monitoring, and overall provides high-quality care for its citizens. Nevertheless, AI applications must take into account existing European regulatory frameworks, health industry practices, and realworld applications. Furthermore, the COVID-19 pandemic has highlighted the role such new technologies can play for an effective and efficient health system.

In this context, standards have a strategic role to play: in a quickly developing sector, they can help build trust, promote transparency, and provide a common language. To launch the discussion on this topic, CEN and CENELEC, two of the official European Standardization Organizations (ESOs), organised the digital stakeholders' workshop ["Artificial Intelligence in healthcare: paving the way with standardization".](#)

[Read more](#)>>

[Back to contents](#)

ETSI Unveils First Cloud-Native VNF Management Specifications

The ETSI group on Network Functions Virtualization (ETSI Industry Specification Group NFV) unveiled its first specification enabling containerized VNFs to be managed in an NFV framework. The [ETSI GS NFV-IFA 040](#) specifies

requirements for service interfaces and an object model for OS (Operating System) container management and orchestration.

ETSI GS NFV-IFA 040 describes the new functions required for the management and orchestration of OS containers, the Container Infrastructure Service Management (CISM) and the Container Image Registry (CIR). The CISM is responsible for maintaining the containerized workloads and manages the OS container, computation storage, network resources and their configuration. The CIR is responsible for storing and maintaining information of OS container software images.

The GS is supplemented by the first NFV Release 4 specifications ETSI GS NFV-IFA 010 and ETSI GS NFV-IFA 011 which provide enhancements of the specification of management and orchestration functional requirements, and extensions of the VNF package and VNF descriptor specifications respectively.

Read More

Back to contents

Guidelines on the usage of Cooperative ITS standards: New CEN-ISO brochure

In the field of intelligent transport systems (ITS), Cooperative ITS (C-ITS) has the potential to further increase the benefits of ITS services and applications. C-ITS is a subcategory of the overall ITS which includes instruments that communicate and share information between *ITS Stations* to give advice or take actions with the objective of improving safety, sustainability, efficiency and comfort beyond the scope of stand-alone ITS.

In October 2020, CEN and ISO published online a freely available brochure on the topic. This extensive document provides up-to-date information on global standardization in the domain of Intelligent Transport Systems, with a specific focus on Cooperative Intelligent Transport Systems. It is meant to serve as a guide for C-ITS system designers and to support the deployment of such applications.Especially, this living document complements the series of Technical Reports TR 21186 '*Cooperative intelligent transport systems (C-ITS) - Guidelines on the usage of standards'* developed by CEN and ISO.The Brochure is available on the ITS webpage of the CEN website and on the website of CEN/TC278 *Intelligent Transport Systems.*

Read More

Back to content

ETSI Launches DECT-2020 New Radio Interface for IoT

Developed by ETSI in the 90's, the DECTTM standard (Digital Enhanced Cordless Telecommunications) is implemented in more than a billion short-range communication devices around the world. The technology is now taking a giant step forward with a new set of DECT-2020 New Radio (NR) standards: the ETSI TS 103 636 series defines an advanced radio interface applying modern radio technologies. It is designed to provide a slim but powerful technology foundation for wireless applications deployed in various use cases and markets. DECT-2020 NR was developed to support broad and diverse wireless IoT applications requiring both ultra-reliable and low-latency communication needed in voice and industrial applications. It also supports massive machine-typecommunication with millions of devices in a network required in use cases such as logistics and asset tracking, industry 4.0 and building automation as well as condition monitoring.

Read more>>

Back to contents

How to Attract Investors with Standards: The Success Story of Bitmovin

Standards help researchers bring their innovation to the market and give credibility over the development of an innovative technology, and start-ups and spin-offs to scale up their business.The CEN and CENELEC Innovation Plan aims at addressing venture capital investors by highlighting the benefit of standards. For venture capitalists that invest in risky innovative business, it is crucial to assess the scalability potential of the businesses they are funding. From their perspective, seeing innovative technologies that are developed with the support of standards can reduce the risk for the companies in which they invest.

Bitmovin is a successful example of a start-up that managed to scale-up thanks to standardization. The company was started as a spin-off from research at the University of Klagenfurt, in Austria. Bitmovin's founders were involved very early in the standardization process of a new video technology and they co-created the MPEG-DASH standard, adopted as ISO/IEC 23009-1. Here you can watch the video success story of Bitmovin.

Read More

Back to contents

ETSI Experts Complete Specifications for Vulnerable Road Users

A group of experts in ETSI TC ITS, the committee in charge of Intelligent Transport Systems, has just completed a set of three standards related to Vulnerable Road Users (VRU) protection with the specification ETSI TS 103 300-3. This standard defines the VRU awareness service together with its key interfaces and protocols as well as the VRU awareness message (VAM) format, semantics and syntax. The specification completes the Technical Report, ETSI TR 103 300-1 on use cases and the Technical specification, ETSI TS 103 300-2, addressing the functional architecture and requirements for VRU. The development of the standards included stakeholders from around the world and received a large set of contributions from representatives working on different types of vulnerable road users, for example bicycles and motorcycles.

Read more>>

Back to contents

A Recent Study Points out Importance of Standards for Research & Innovation

Standards have a fundamental value in supporting and mainstreaming research and innovation. Yet, this value is very often misunderstood or underrated, also by policy makers – with very serious consequences for the ability of innovation ecosystems to scale up. This issue is at the heart of a new study published by Alfred Radauer, *Driving from the Fringe into Spotlight: the underrated role of standards and standardization in RTDI policy and evaluation*. The study, which was published in the November 2020 issue of *the fteval Journal for Research and Technology Policy Evaluation*, tackles this issue through a lot of practice-based analysis and provides a series of recommendations to improve the situation.In particular, the paper points out that, while attempts are being made to bridge the gap between the two world of standardization and research, it is also clear that more spotlight on the standards topic is needed to reap the potential benefits when innovating and supporting innovation. Based on this, Mr Radauer presents a series of recommendations, both for researchers and policy makers:

Read More>>

Back to contents

'Designing Tomorrow's World': ETSI Unveils Strategy in Line with its Ambitious Vision

At the meeting of its General Assembly, ETSI has validated a new strategy, the result of an intensive development process over the last months. Titled 'Designing tomorrow's world', the strategy has been shaped by ETSI's diverse global community, drawing on the expertise and experience of more than 900 member organizations that include multinational and smaller companies, start-ups, research organizations and governmental institutions.

Representing ETSI's values, mission and vision, Designing tomorrow's world defines ETSI's future direction as a world-leading Standards Developing Organization (SDO). The strategy builds on a recognition of the global importance of Information and Communication Technology (ICT) in sustainable development, together with the role of ICT standards to support the digital transformation of society.

[Read more>>](Read more)

Back to contents

Security standards are for all! Read CEN and CENELEC's new brochure

The [CEN and CENELEC Sector Forum for Security (SF-Sec)](CEN and CENELEC Sector Forum for Security) has developed a brochure to share with the security standardization community. The brochure includes examples of areas of security to which standardization is contributing.In addition, it contains clear examples of how individuals in the security standardization community have developed standards on concrete topics. The brochure aims to be a call to action to invite stakeholders to participate actively in these efforts.The full brochure can be read and downloaded on CEN and CENELEC's website.

Read More

Back to contents

Whitepapers/Publications

ETSI Announces MEC 5G Integration Report & Extension of ISG MEC

The ETSI Multi-access Edge Computing group (ETSI ISG MEC) has recently released the Group Report ETSI GR MEC 031 that describes the key issues, solution proposals and recommendations for MEC integration into 3GPP 5G systems.Overall, the key topic of the Report is identifying how a MEC system can benefit from the services offered by the network functions of the 5G system and exposed through the northbound APIs of the network exposure function (NEF). Specifically, the Report examines the MEC system's ability, as an Application Function of the 3GPP 5G system, to influence traffic routing and the User Plane Function (UPF) selection in the 5G system. It also examines how the MEC system can benefit from the capabilities of the 5G system to enable local access to a Data Network. These are key features of the 5G system that enable MEC applications to be accessible via a 3GPP 5G network.

Read more/[Download>>](Download)

ETSI Releases Technical Report on Citizen Requirements for Smart Cities

The ETSI Human Factors Technical Committee has released ETSI TR 103 455, a Technical Report that assesses the different citizen-related issues that smart city-related standardization in the ICT domain needs to address. These

include fundamental aspects such as accessibility, usability, interoperability, personal data protection and security, and how services to citizens are to be designed to maximize benefits to the community. The study gives an overview of existing ETSI and other SDOs standards in that field, including ETSI community indicators. It aligns well with the UN Sustainable Development Goal 11 "Make cities inclusive, safe, resilient and sustainable".

Read More/Download>>

Standards for the Environment

Environmental protection is a global concern – and the challenge is becoming more urgent every day. The public sector is one of the most important actors facing this challenge, as it can safeguard environmental matters, for example through legislation and regulation. This brochure gives the public sector an overview of how also standards
can be an effective tool to reduce environmental impact and in that way support the implementation of policies.

Read more/Download>>

New ETSI white paper: Autonomous Networks, supporting tomorrow's ICT business

This White Paper presents how Autonomous Networks can impact the role of telecommunications in assuring the success of the digital transformation of industry by enabling more responsiveness to the verticals in exploiting their business, in terms of operations efficiency and new revenue opportunities that are the Autonomous Networks' basic business objectives. The new revenue opportunities are driven by upgrading the Information and Communications Technology (ICT) ecosystem due to the arrival of business partners such as verticals and solution providers (e.g., communications service providers (CSPs), vendors, integrators and consultants).

Read more/Download>>

Back to contents

Events Calendar 2021

10-10 webinar: Standardization requests – State of play
When: Wednesday 10 February2021

The webinar intends to provide an update concerning the new blueprint for the future Standardization requests and the state of play of the upcoming Standardization requests that were discussed at CoS. For more information please [click here](#)

Webinar: ETSI DECT 2020 - New connectivity standard for industrial IoT
When: 28 January 2021
This webinar will introduce the newly released ETSI standard: DECT-2020 NR. It fills a gap currently in the IoT connectivity environment; it addresses industrial applications requiring either or both massive scale (mMTC) and/or ultra-reliable low latency (URLLC), complementing today's 5G technology. For more information, please [click here](#)

NFV&MEC Remote API Plugtests 2021
When: 01-28 February 2021
In the context of the NFV Plugtests Programme, ETSI's Centre for Testing and Interoperability is organizing the NFV&MEC Remote API Plugtests 2021 event from 1 to 28 February 2021. It offers NFV and MEC solution providers and open source projects an opportunity to meet, discuss and self-evaluate the level of conformance of their NFV and MEC APIs.For more information, please [click here](#)

Cybersecurity Standardization Conference 2021
When: 2-3-4 February 2021
The European Standards Organizations CEN, CENELEC and ETSI, have joined forces with ENISA, the European Union Agency for Cybersecurity, to bring you a virtual Cybersecurity Standardization Conference on 'European Standardization in support of the EU Cybersecurity Act', with dedicated sessions on the Radio Equipment Directive (RED) & the Consumer Internet of Things (CIoT) and 5G among others.For more information, please [click here](#)

NG112 Emergency Communications Plugtests #4
When:22 Feb to 5 Mar 2021
ETSI, in cooperation with the European Emergency Number Association (EENA) and NENA: The 9-1-1 Association, is organizing the fourth NG112 Emergency Communications Plugtests™ event to be held remotely with the support of ETSI SC EMTEL. The concept of "Next Generation 112" (NG112) has been identified as a potential answer to the increasing requirements and demands of content-rich emergency calling.For more information, please [click here](#)

Internet of Things India 2021
When: 24-26 March 2021
Where: New Delhi, India
ETSI is pleased to endorse the IoT India 2021 expo which will explore the impact of the Internet of Things (IoT) on industries, such as manufacturing, transport, supply chain, insurance, logistics, government, energy and automotive.For more information, please [click here](#)

FutureNet World 2021
When:20-21 April 2021
ETSI is glad to endorse the FutureNet World 2021 on 20 to 21 April 2021.FutureNet World will bring together the most influential visionary minds from our industry who will discuss and debate the burning and game changing issues that we are facing in today's digital world.For more information, please [click here](#)

ETSI IoT Week 2021
When:26-30 April 2021
The next edition of ETSI IoT Week will take place during the week of 26-30 April 2021.For more information, please [click here](#)

10-10 webinar: The CEN and CENELEC Strategy 2030: highlights & implementation

When: 20 January, 2021

A comprehensive introduction to the CEN and CENELEC Strategy 2030, covering strategic context and drafting and consolidation process, vision and mission, goals and priorities. In addition, an overview of next steps will be presented regarding the new Strategy's implementation and the monitoring and evaluation of progress.For more information, please click here

Webinar - Exploring a potential Shared Digital Infrastructure for CEN and CENELEC

When: 5 February, 2021

Following CEN/CA decision 96/2020 and CENELEC/CA decision 157/134 to further explore the findings and recommendations of the report produced in September 2020 by the Task Force Shared Digital Infrastructure (TF SDI), this webinar aims to present the following issues to CEN and CENELEC Members:

- the identified need for a shared digital infrastructure and the challenges it aims to address;
- the composition, mandate, methodology, findings and recommendations of the TF SDI;
- the aforementioned CA decisions and next steps following up on the TF SDI report.

For more information, please click here

10-10 webinar: Standardization requests – State of play

When:10 February, 2021

The webinar intends to provide an update concerning the new blueprint for the future Standardization requests and the state of play of the upcoming Standardization requests that were discussed at CoS.For more information, please click here

CEN-CENELEC StandarDays 2021 - Discover the world of European Standards

When: 29-30, March 2021

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 the CEN and CENELEC products & processes. You will learn about all the benefits of stakeholder involvement in European standardization.For more information, please click here

10-10 webinar: Standardization in Horizon Europe

When: 9 April, 2021

This webinar will explain how strengthening the link with Horizon Europe projects is an excellent opportunity for CEN and CENELEC system to be involved in innovative fields and to ensure the timely inclusion of research and innovation results into standardization activities. During this webinar you will also learn how standardization can boost the dissemination of project results and ensure their market uptake.For more information, please click here

About Project SESEI

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.cencenelec.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