



CEN - European Committee for Standardization

CENELEC - European Committee for Electrotechnical Standardization

ETSI - European Telecommunications Standards Institute

EC - European Commission

EFTA - European Free Trade Association

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Dear Readers,

I would like to begin by wishing you all a happy and safe 2022. I welcome you all to the tenth edition of the "SESEI newsletter - India." Sharing of information and latest updates is one of key characteristic of the SESEI Project. It allows stakeholders to understand, stay abreast and take informed action based on the news and information shared with our readers. Both India and European Union are focusing alike on sustainability, energy efficiency and deployment of innovative technologies.

On an important area of "Accessibility", pleased to inform you that [Bureau of Indian Standards \(BIS\)](#), national standard development body of India, has published [Indian Standard IS 17802- "Accessibility for ICT Products and Services, Part 1: Requirements"](#) which is a technical adoption of European Standard EN 301 549 v3.2.1 as developed by [CEN](#), [CENELEC](#) and [ETSI](#).

Sustain Development Goals (SDG's) as popularly known were started by the United Nations in 2015 with an aspiration to achieve environmental sustainability alongside economic growth. The [European Commission](#) is ensuring all measures to ensure cooperation of the various public and private bodies, and the use of all available tools. In this context, standards, developed by European standards organizations such as [CEN](#), [CENELEC](#), [ETSI](#) have an important role to play. Voluntary, consensus-based standards can provide valuable solutions to this complex & global challenge. The [European Union](#) has signed three new initiatives to step up joint action in the [World Trade Organization](#), sending a strong political signal on pursuing a strong environmental agenda for trade.

Realizing the important role standards will play in sustainable development, at the recent COP26, [CEN](#) and [CENELEC](#) released a position paper "[Uniting the world to tackle climate change: COP26 and the commitments of European Standards](#)". The European Commission has also adopted [Communication on Sustainable Carbon Cycles](#), to drastically reduce its reliance on fossil carbon, upscale carbon farming to store more carbon in nature, and promote industrial solutions to sustainably and verifiably remove and recycle carbon.

Vehicle emissions add to the greenhouse gases hence Innovation on Alternative fuels and electrical vehicles is foreseen to be the future. To facilitate the integration of alternative fuels at existing fuelling stations and to give guidance to design, authorize and operate new

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multifuel stations [CEN](#) and [CENELEC](#) has developed a new [Guide 38](#). Through this Guide 38, the technical committees involved in the standardization of alternative fuels infrastructure will have a better view on how to ensure the global coherence of the integrated infrastructure when developing their respective standards. Under the [European Green Deal](#) the [European Commission](#) have adopted four proposals that will modernize the EU's transport system, helping the transition towards to cleaner, greener, and smarter mobility.

Akin to EU's Green deal programme, [Digital Europe Programme](#) has been developed for overall Digitization of EU and its industries. The European Commission has adopted three work programs for the [Digital Europe Programme](#), outlining the objectives and specific topic areas. The main work program, worth €1.38 billion, will focus on investment in the areas of artificial intelligence (AI), cloud and data spaces, quantum communication infrastructure, advanced digital skills, and the wide use of digital technologies across the economy and society, until the end of 2022.

Equal focus and emphasis are being given to the cyber security for the wireless and mobile devices. The Commission has taken action to improve the cybersecurity of wireless devices available on the European market. The [Radio Equipment Directive](#) adopted by the European Commission lays down new legal requirements for cybersecurity safeguards, which manufacturers will have to take into account in the design and production of the concerned products, to make sure that all wireless devices are safe before being sold on the EU market.

Test specifications [ETSI TS 103 701](#) was released by ETSI, describing how a conformity assessment is performed in a structured manner and allow supplier organizations such as manufacturers, vendors or distributors to assess the compliance of their devices against [ETSI EN 303 645](#) in self-assessments or via testing labs. ETSI has also released a world class standard called Consumer Mobile Device Protection Profile, [ETSI TS 103 732](#). The specification identifies key security and privacy risks for user data and provides appropriate protection. It ensures the protection of key user data such as photos, videos, user location, emails, SMS, calls, passwords for web services, and fitness related data.

Another first from the ETSI is the [ETSI DECT-2020 NR](#), which is a world's first "non-cellular" 5G technology standard. This standard has been recognized by the WP5D of the International Telecommunication Union's Radiocommunication Sector (ITU-R) and included as part of the 5G standards in [IMT-2020 technology recommendation](#). The standard sets an example of future connectivity: the infrastructure-less and autonomous, decentralized technology designed for massive IoT networks for enterprises.

ETSI Industry Specification Group (ISG) for [Network Functions Virtualization](#) (NFV) has started working on the next specifications release 5, which is expected to drive ETSI NFV's work into two main directions: consolidating the NFV framework and expanding its applicability and functionality set. Open-Source Mano group of ETSI announced [OSM Release ELEVEN](#) which includes significant functional extensions in areas such as interoperability with public clouds, interaction with cloud-native environments and integration of network functions of different natures.

This newsletter comprises of many more valuable information, developments of new concepts and standards as released by the SESEI Project partners including White Papers/ Strategy documents and upcoming events/seminars.

As always, we look forward to your comments and suggestions to further improvise it. Happy New Year and happy reading once again.

Warm Regards,

Dinesh Chand Sharma

**(Seconded European Standardization Expert in India)**

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## EU Promotes World Trade Organization initiatives on Trade and Environment

The European Union has today committed to increase the role of trade in the fight against climate change and protecting the environment. It has signed up to three new initiatives to step up joint action in the World Trade Organization, sending a strong political signal on pursuing a strong environmental agenda for trade. The EU and a significant number of WTO countries will now work jointly on facilitating trade in green goods and services, promoting sustainable supply chains and the circular economy. They will also cooperate on battling plastic pollution and to enhance transparency of fossil fuel subsidies. [Read More>>](#)

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## World Standards Day: The Role of Standards in Supporting the SDGs

Every year on 14 October, the international standardization community celebrates World Standards Day. This year's edition "[Our shared vision for a better world](#)" is dedicated to how standards support the [Sustainable Development Goals of the United Nations \(SDGs\)](#). The 17 SDGs are ambitious objectives stated in 2015 by the UN's 2030 Agenda for Sustainable Development. They aim, among other issues, to address social imbalances, develop a sustainable economy, and slow the rate of climate change. To be achieved, the SDGs require the cooperation of many public and private partners, and the use of all available tools. In this context, standards, and standardization organizations such as CEN and CENELEC, have an important role to play. Voluntary, consensus-based standards can provide valuable solutions to complex, global challenges.

CEN and CENELEC support the European Union's ambition to implement the SDGs: the EU Green Deal, the EU Circular Economy Action Plan, the New Industrial Strategy for Europe, and the EU's Trade Strategy, to name only a few. CEN and CENELEC develop European Standards that contribute to the three pillars of economic, environmental, and societal sustainability and provide long-term solutions to achieve the SDGs. [Read More>>](#)

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## Commission Proposals Remove, Recycle & Sustainably Store Carbon

The Commission adopted a [Communication on Sustainable Carbon Cycles](#), setting out how to increase removals of carbon from the atmosphere. To balance out the impacts of our CO<sub>2</sub> emissions, the EU will need to drastically reduce its reliance on fossil carbon, upscale carbon farming to store more carbon in nature, and promote industrial solutions to sustainably and verifiably remove and recycle carbon. Removing and storing more carbon, from the atmosphere, oceans, and coastal wetlands, is essential to achieve the EU's legally binding commitment to become climate neutral by 2050. The Communication sets out short- to medium-term actions to support carbon farming and upscale this green business model to better reward land managers for carbon sequestration and biodiversity protection. By 2030, carbon farming initiatives should contribute 42Mt of CO<sub>2</sub> storage to Europe's carbon sinks. [Read More>>](#)

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## COP26: A New Policy Paper Highlights the Contribution of Standards to the Fight Against Climate Change

On the occasion of COP26, CEN and CENELEC released the new policy paper "[Uniting the world to tackle climate change: COP26 and the commitments of European Standards](#)". In the document, the two European Standardization Organizations reaffirm their commitment to contributing to the fight against climate change and raise awareness on the actions they are taking to contribute to addressing these challenges.

In particular, the policy paper highlights the role of standards in contributing to the green transition: “Standards foster the process of innovation and encourage the faster development of more environmentally friendly technologies and materials. Whether it is by specifying tests or providing robust definitions that avoid misleading environmental claims, standards have a key role to play in addressing the climate emergency.”

Based on this potential, the standardization community stands ready to play their part in ensuring that both Europe and the world are equipped to deliver the social and economic transition necessary to reduce the effects of climate change, while also helping to deliver the infrastructure necessary to increase the planet’s resilience to adapt to its impacts. The full text of the Policy Paper is available [here](#). [Read more>>](#)

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## Workshop Agreement Contributes to Enhancing Resilience of Transport Infrastructure

The functioning of society depends on the transportation of goods and persons. The infrastructure required to enable transportation is built to ensure that this can happen safely and smoothly, providing specified high levels of service. As Europe has already experienced on many occasions, reductions in service due to potentially disruptive events, such as floods, earthquakes, heavy snow falls, fog, high winds, or cyberattacks can have significant societal consequences.

In this context, transport infrastructure managers must minimize the impact and potential consequences of these disruptive events. To do so, objective information on the service provided by their transport infrastructure and its resilience to external adverse events is necessary. In order to help them acquire this information, in November CEN and CENELEC published new [CWA 17819:2021 'Guidelines for the assessment of resilience of transport infrastructure to potentially disruptive events'](#). This document provides managers with guidance to proceed a complete and systematic definition of service and measure resilience, in all situations with which the manager is confronted, and to help identify the suitable interventions to enhance such resilience.

CWA 17819:2021 is freely available for download [here](#). It was developed by [CEN/CLC/WS 018 'Assessment of the resilience of transport infrastructure to potentially disruptive events'](#), whose Secretariat is held by UNE, Spain’s National Standardization Institute. [Read More>>](#)

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## Publication of Indian Standard “IS 17802- Accessibility for ICT Products and Services, Part 1: Requirements”

Bureau of Indian Standards (BIS), national standard development body of India, has published [Indian Standard IS 17802-"Accessibility for ICT Products and Services, Part 1: Requirements"](#) which is a technical adoption of European Standard EN 301 549 v3.2.1 as developed by CEN, CENELEC and ETSI. Modifications to Indian Standards have been made to adapt it to India and are limited to referencing the relevant regulatory context (Rights of Persons with Disabilities Act, 2016) and the official languages of India. Part-2 for this Indian Standards published, to determine the conformity assessment is under formulation at BIS. [Download>>](#)

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**New EN 17507 to help Improve Measuring the Emissions of Road Vehicle A better integration of alternative fuels infrastructure, thanks to the CEN and CENELEC Guide 38**

To accelerate the development of alternative fuels, multifuel stations integration is fundamental. CEN and CENELEC developed the new [Guide 38](#) to facilitate the integration of alternative fuels at existing fueling stations and to give guidance to design, authorize and operate new multifuel stations in support of the Directive 2014/94/EU on the deployment of alternative fuels infrastructure and of the future Regulation replacing the directive. This CEN and CENELEC Guide also considers other legislations impacting multifuel stations (ATEX, PED, MID).

This new Guide is the result of a brilliant collaborative work led in the Working Group "Multifuel stations" of the CEN and CENELEC Sector Forum Gas Infrastructure, with experts of different technical committees involved in various fuels (natural gas, hydrogen, LPG). A large consultation was conducted to all the relevant CEN and CENELEC Technical Committees (CEN-CLC/JTC 6, CEN/TC 301, CLC/TC 69X, CEN/TC 268, CEN/TC 286, CEN/TC 326, CEN/TC 393, and CEN/TC 408) and coordination group (CEN-CLC/eMCG). Through Guide 38, the technical committees involved in the standardization of alternative fuels infrastructure will have a better view on how to ensure the global coherence of the integrated infrastructure when developing their respective standards. [Read More>>](#)

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## **New EN 15942 Helps Harmonize How Environmental Product Declarations for Construction Products Are Communicated in Europe**

Environmental Product Declarations (EPD) present quantified environmental information on the life cycle of a product, thus enabling comparisons between products fulfilling the same function. They are based on the Life Cycle Assessment (LCA) methodology, as described in the EN ISO 14040 series of standards. EPD promote transparency and increase awareness around the environmental impact of products. They support manufacturers in substantiating environmental claims and optimizing their supply chain and allow buyers to make informed product comparisons.

The recently published standard [EN 15942:2021 'Sustainability of construction works - Environmental product declarations - Communication format business-to-business'](#) aims at harmonizing the way in which Environmental Product Declarations are communicated in Europe. This document is applicable to all construction products and services related to buildings and construction works. It details the communication format of the information defined in the related standard [EN 15804 'Sustainability of construction works – Environmental product declarations – Product category rules'](#). [Read More>>](#)

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## **European Year of Rail: discover with railways experts on why and how CEN and CENELEC standards are crucial for the European railways**

Following its cartoon "[Standards@Rail](#)", CEN & CENELEC conclude the [European Year of Rail](#) with a new campaign to share with the European citizens the importance of European standards in the daily life of trains and railways infrastructure.

In each video, railways experts of [CEN/TC 256 'Railways applications'](#) and [CLC/TC 9X 'Electrical and electronic applications for railways'](#) present to the public a selection of European standard that directly contributes to a safe, efficient, and resilient railways network in Europe: from cybersecurity and wheels to driver's cab displays, aerodynamic or hydrogen refuelling. With these videos, the European citizens can better understand the role of these standards to overcome the current and future challenges met by the railways industry and operators to facilitate the everyday life of travellers and freight transport. [Read more>>](#)

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## New Transport Proposals Target Greater Efficiency and More Sustainable Travel

To support the transition to cleaner, greener, and smarter mobility, in line with the objectives of the [European Green Deal](#), the Commission today adopted four proposals that will modernize the EU's transport system. By increasing connectivity and shifting more passengers and freight to rail and inland waterways, by supporting the roll-out of charging points, alternative refueling infrastructure, and new digital technologies, by placing a stronger focus on sustainable urban mobility, and by making it easier to choose different transport options in an efficient multimodal transport system, the proposals will put the transport sector on track to cutting its emissions by 90%. **A smart and sustainable TEN-T:** The TEN-T is an EU-wide network of rail, inland waterways, short-sea shipping routes, and roads. It connects 424 major cities with ports, airports, and railway terminals. When the TEN-T is complete, it will cut travel times between these cities. [Read More>>](#)

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## CEN Workshop Agreement "TRAIN4SUSTAIN Competence Quality Standard"

The scope of the Workshop is to specify a common reference framework and a methodology that allow to evaluate, score, and report the Level of Competence of professionals and workers with regards to specific Areas of Expertise related to energy efficiency and sustainability at building and urban scale (TRAIN4SUSTAIN Competence Quality Standard). The TRAIN4SUSTAIN Competence Quality Standard framework can be defined as a hierarchical classification (taxonomy), structured into 5 levels, which covers the broad scope of energy efficiency and sustainability of buildings and urban areas and reflects the approaches of the most relevant sustainability certification systems at building and urban scale, including the recent Level(s) framework of core sustainability indicators issued by European Commission in October 2020. The TRAIN4SUSTAIN CQS is a living and extendible system that can evolve over time as it is able to receive new inputs for instance, new areas of expertise related to the development of construction technologies, materials, and methodologies, also fulfilling its "future-looking" mission. [Read More>>](#)

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## Commission Strengthens Cybersecurity of Wireless Devices and Products

The Commission has taken action to improve the cybersecurity of wireless devices available on the European market. As mobile phones, smart watches, fitness trackers and wireless toys are more and more present in our everyday life, cyber threats pose a growing risk for every consumer. The delegated act to the [Radio Equipment Directive](#) adopted today aims to make sure that all wireless devices are safe before being sold on the EU market. This act lays down new legal requirements for cybersecurity safeguards, which manufacturers will have to consider in the design and production of the concerned products. It will also protect citizens' privacy and personal data, prevent the risks of monetary fraud as well as ensure better resilience of our communication networks. The delegated act will be complemented by a Cyber Resilience Act, recently announced by President von der Leyen in the [State of the Union speech](#), which would aim to cover more products, looking at their whole life cycle. Today's proposal as well as the upcoming Cyber Resilience Act follow up on the actions announced in the new [EU Cybersecurity Strategy](#) presented in December 2020. [Read more>>](#)

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## ETSI Releases Test Specs to Comply with Leading Consumer IoT Security Standard

ETSI has released the test specification for the existing [ETSI EN 303 645](#), the world leading consumer IoT security standard. This test specification, [ETSI TS 103 701](#), describes how a conformity assessment is performed in a structured and comprehensive way. This will allow supplier organizations such as manufacturers, vendors or distributors to assess the compliance of their devices against ETSI [ETSI EN 303 645](#) in self-assessments or via testing labs. User organizations can also apply the test specification for in-house testing.

[ETSI EN 303 645](#), released in June 2020, involved all stakeholders of the IoT cybersecurity landscape and was developed with industry, academics, testing institutes and international government bodies. As more consumer devices connect to the internet, the cybersecurity of the Internet of Things (IoT) has become a growing concern. The EN is designed to prevent large-scale, prevalent attacks against smart devices that cybersecurity experts see every day. [Read more>>](#)

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## ETSI Releases First Comprehensive Global Standard for Securing Smart Phones

Today our smartphones and tablets are fundamental for citizens and hold a wide range of user data and apps. At the same time, security attacks have increased with malicious applications and network eavesdropping. To define security and assurance requirements for smart phones and tablets, mitigate potential risks and protect users, ETSI has released a world class standard called Consumer Mobile Device Protection Profile, [ETSI TS 103 732](#). The specification identifies key security and privacy risks for user data and provides appropriate protection. The new ETSI standard specifies security requirements for consumer mobile devices. It ensures the protection of key user data such as photos, videos, user location, emails, SMS, calls, passwords for web services, and fitness related data. The ETSI specification has a broad coverage of security features including cryptographic support, user data protection, identification and authentication, security management, privacy protection, resistance to physical attack, secure boot, and trusted communication channels. [Read More>>](#)

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## World's First Non-Cellular 5G Technology, ETSI DECT-2020, Gets ITU-R Approval

[ETSI DECT-2020 NR](#), the world's first non-cellular 5G technology standard, has been recognized by the WP5D of the International Telecommunication Union's Radiocommunication Sector (ITU-R) and included as part of the 5G standards in [IMT-2020 technology recommendation](#). Dr. Günter Kleindl, Chair of the ETSI Technical Committee DECT, says: *"With our traditional DECT standard we already received IMT-2000 approval by ITU-R twenty-one years ago, but the requirements for 5G were so much higher, that we had to develop a completely new, but compatible, radio standard."* Released last year, the standard sets an example of future connectivity: the infrastructure-less and autonomous, decentralized technology is designed for massive IoT networks for enterprises. It has no single points of failure and is accessible to anyone, costing only a fraction of the cellular networks both in dollars and in carbon footprint.

The IoT standard, defined in [ETSI TS 103 636 series](#), brings 5G to the reach of everyone as it lets any enterprise set up and manage its own network autonomously with no operators anywhere in the world. It eliminates network infrastructure, and single point of failure - at a tenth of the cost in comparison to cellular solutions. [Read More>>](#)

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## ETSI NFV Release 5 Kicks Off with Increased Support for Cloud-Enabled Deployments

The ETSI Industry Specification Group (ISG) for [Network Functions Virtualization](#) (NFV) has started working on its next specification release, known as "Release 5", officially kicking off the new Release technical work after their September meeting.

The Release 5 work program is expected to drive ETSI NFV's work into two main directions: consolidating the NFV framework and expanding its applicability and functionality set. On the one hand, some aspects of the NFV concepts and functionalities that have been addressed in previous Releases, but need additional work, will be further developed in Release 5. For instance, based on development, deployment experience and feedback collected during testing events such as the "NFV/MEC Plugtests" additional work on VNF configuration was deemed necessary. Another example is the more detailed specification work related to fault management modelling which aims at further defining faults and alarms information to improve interoperability during network operations, for root cause analysis and fault resolution in multi-vendor environments. [Read More>>](#)

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## ETSI Open-Source Mano Announces OSM Release Eleven

ETSI is pleased to announce [OSM Release ELEVEN](#). Committed since its foundation to the alignment with ETSI standardization work, [this release](#) completes the adoption of two new ETSI NFV specifications, [ETSI GS NFV-SOL004](#) and [ETSI GS NFV-SOL007](#) for package formats. Standards adoption is part of the OSM vision to enable interoperability and a large and healthy NFV ecosystem. In addition, Release ELEVEN includes significant functional extensions in areas such as interoperability with public clouds, interaction with cloud-native environments and integration of network functions of different natures.

OSM is also aligning with the most recent market needs, by implementing the latest technologies for managing Containerized Network Functions (CNFs). This is a major differentiator in the orchestration space, and an important requirement for deploying 5G network functions and higher. [Read More>>](#)

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## Commission to Invest €2 Billion From Digital Europe to Advance Digital Transition

The Commission has adopted three work programs for the [Digital Europe Programme](#), outlining the objectives and specific topic areas that will receive a total of €1.98 billion in funding. This first set of work programs includes strategic investments that will be instrumental in realizing the Commission's goals in making this [Europe's Digital Decade](#). The Digital Europe Program aims to bolster Europe's technological sovereignty and bring digital solutions to market for the benefit of citizens, public administrations, and businesses.

The main work program, worth €1.38 billion, will focus on investment in the areas of artificial intelligence (AI), cloud and data spaces, quantum communication infrastructure, advanced digital skills, and the wide use of digital technologies across the economy and society, until the end of 2022. Alongside this main work program, the Commission published two specific work programs: the first one focuses on funding around cybersecurity, with a budget of €269 million until the end of 2022; and the second one focuses on the set-up and operation of the network of European Digital Innovation Hubs, with a budget of €329 million, until the end of 2023. [Read More>>](#)

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## CEN Workshop Agreement "Sustainable Nanomanufacturing Framework"



The scope of the Workshop is the definition of a Sustainable Nanomanufacturing Framework (SNF) for sustainability management in nanomanufacturing processes. It sets up the basic requirements to assess the sustainability of a nanomanufacturing plant, allowing drafting improvement plans and monitoring the degree of progress of the nanomanufacturing plant.

The SNF model deploys the three traditional Sustainability Dimensions (SDs): social, environment and economy. Each SD is divided into several sustainability items (SIs). The SNF allows to diagnose the starting position of a nanomanufacturing plant with respect to the SNF model, at two levels: 1) Sustainability management practices and 2) associate KPIs to measure results. The result of the diagnose is used to elaborate the corresponding sustainability Improvement Plan for the nanomanufacturing plant. The SNF is used to monitor the progress of sustainability in the PL through a customizable dashboard (two radar diagrams, Management and KPIs), which allows intuitive visualization of the starting values and the proposed improvement values (improvement baseline) for the period considered, as well as their evolution over time. [Read here>>](#)

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## JRC, CEN & CENELEC to Strengthen Work on Connecting Standardization with Research

The European Committee of Standardization (CEN), the European Committee for Electrotechnical Standardization (CENELEC) and the Joint Research Centre of the European Commission (JRC) renewed their cooperation agreement for further five years. Through the agreement, the three organizations aim to enhance the exchange of knowledge and expertise between scientific research and European standardization. The JRC and the European Committee of Standardization look back on a fruitful collaboration of more than 30 years, with its first agreement signed in 1994. The renewal of the collaboration with JRC, initiated in 2016, will continue to provide European and international standardization with scientific input and it will build on lessons learnt and successes achieved.

One of the main initiatives developed jointly by CEN, CENELEC and JRC is Putting-Science-Into-Standards (PSIS), which aims to facilitate the identification of emerging science and technology areas that could benefit from standardization activities. The PSIS initiative has proven to be a successful example of foresight aimed at the timely identification of new sectors where standardization can enable innovation and promote industrial competitiveness.

[Read more>>](#)

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## Enormous potential for the future: 30 years of Vienna Agreement

Thirty years ago, the global economy was placed on a new footing in Vienna: the Vienna Agreement set the course for even closer co-operation and collaboration. What has changed since then? Fewer barriers to trade, more harmonized rules, and more room for innovation. Under the heading "[From global to local: Joining forces to help global standards create local impact](#)", the leaders of international standardization organizations such as CEN and ISO met again in Vienna on 11 October to further advance international co-operation. The Vienna Agreement was signed in Vienna 30 years ago. Its objective: ensure that European and international standards are not in conflict with each other, but that rather they are as consistent with each other as possible. The motto: "One standard, one test – accepted everywhere". Much has happened since then. Thanks to the Agreement, enterprises can rely on globally harmonized approaches to improving the quality of products and processes – there are uniform rules for measuring, testing and quantification of greenhouse gas emissions – parents can be confident that the packaging of drugs is child-resistant – the users of health apps can be sure of clear security levels for data protection and machinery manufacturers can use the same standards for exporting tractors to countries all over the world. [Read More>>](#)

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## SME Compatibility Test – A Unique Tool for SMEs in Standardization

SMEs are the businesses that could potentially benefit the most from standards, but they face fundamental challenges when it comes to taking up standards and use them to reach their full potential. To help address this issue, SBS has developed the [SME Compatibility Test for Standards](#). The SME Compatibility Test, an absolute first in the field of standardization, can measure and quantify the impact of a standard on SMEs activities and rate it in terms of SME-readiness. The test allows standard-makers and SMEs to evaluate both existing standards and new standards under development. The test has been developed thanks to the work and support of SBS experts and builds on the [CEN-CENELEC Guide 17](#) - "Guidance for writing standards taking into account micro, small and medium-sized enterprises' needs". [Read More>>](#)

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## Whitepapers/Publications

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### ETSI IPE Releases the First IPV6 Enhanced Innovation Report

ETSI announced the first ETSI IPv6 Enhanced Innovation (IPE) report [ETSI GR IPE 001 "IPv6 Enhanced Innovation: Gap Analysis"](#). Jointly compiled by 15 leading IP industry players, this report comprehensively analyzes gaps based on requirements created by the new use cases and services like 5G and the cloud, to accelerate IPv6 deployment and innovations, and identifies recommendations of new features of the IPv6 enhanced innovations, paving the way for a consensus to be reached among global IP industry players. [Read More>>](#)

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## Events Calendar 2022

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### The ETSI Seminar

**When: 19-05-2022**

**Where: Sophia Antipolis**

The ETSI Seminar is an important step in the orientation program for new members. It facilitates their active participation in ETSI, 3GPP or oneM2M - a must if your organization has just joined ETSI. It is essential also for new delegates who have recently started to participate in ETSI work. In addition, it also is an opportunity to meet key personnel in the ETSI Secretariat. For more information, please [click here>>](#)

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### Online workshop 'Role of Standards & Policy in Resource Efficiency and Circular Economy Transition in India and the EU'

**When: 21-02-2022**

**Where: online**

This webinar co-organized by the European Union's Resource Efficiency Initiative (EU-REI) along with the Seconded European Standards Experts in India (SESEI), CEN-CENELEC with support from the BIS, aims to exchange on the role of standards in to realize resource efficiency (RE) and circular transition (CE) in India and the EU. For more information, please [click here>>](#)

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### IoT India Expo 2022

**When: 23-25 March 2022**

**Where: Pragati Maidan, New Delhi, India**

IoT India expo showcases organizations leading the way in IoT adoption, enabling them to propel into a new world of business quicker, with more accurate data, ensuring their business can thrive through new technology adoptions. ETSI is endorsing the Internet of Things India Expo 2022 where **Dinesh Sharma** will represent ETSI as a speaker. For more information, please visit the [event website](#).

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**OSM 12 Hackfest****When: 24-28 Jan 2022****Where: online**

This edition will be featuring [OSM Release ELEVEN](#) and focused on users who are new to OSM, taking the form of tutorials and hands-on lab exercises to be completed by participants. For more information, please [click here>>](#)

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**Webinar 'Piloting a Shared Digital Infrastructure for CEN and CENELEC'****When: 26-01-2022****Where: online**

Representatives of the Task Force Shared Digital Infrastructure (TF SDI) will present findings and conclusions from their second report, presented to the CAFG FiMo and the Common Session of the CAs at the end of 2021. For more information, please [click here>>](#)

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**Workshop 'Security in the cyber-physical space'****When: 08-02-2022****Where: online**

The workshop aims to map out the issues resulting from the under-explored cyber-physical frontier by using aviation as a business case. For more information, please [click here>>](#)

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**3rd C-V2X PLUGTESTS****When: 28 March – 01 April 2022****Where: Klettwitz, Germany**

C-V2X (Cellular Vehicle-to-Everything) is an Intelligent Transport System (ITS) service using mobile communication technology for direct communication as well as network communication between vehicles, from vehicle to pedestrian and from vehicle to infrastructure. The 3rd C-V2X PLUGTESTS event will enable On-Board-Units (OBUs), Roadside-Units (RSUs) and public key infrastructure (PKIs) vendors to run interoperability test sessions to assess the level of interoperability of their implementation and validate the understanding of the standards. For more information, please [click here>>](#)

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**Workshop 'Standardization synergies between civil security, defense and space industries'****When: 28-02-2022****Where: online**

This workshop will discuss the role of standards in the implementation of this Action Plan, and to identify supporting activities by the standardization domain and other related stakeholders. For more information, please [click here>>](#)

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**Workshop 'Interoperability of security'****When: 21-04-2022**

***Where: online***

This webinar will:

- address and clarify the current situation
- identify critical points
- hear about the European Commission point of view (DG Home, DG Grow, DG CNCT, DG research.)
- identify a potential way out, propose improvements in standardization processes in security

For more information, please [click here>>](#)

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## 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.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](http://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

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CEN - European Committee for Standardization [www.cen.eu](http://www.cen.eu)

CENELEC - European Committee for Electrotechnical Standardization  
[www.cenelec.eu](http://www.cenelec.eu)

ETSI - European Telecommunications Standards Institute [www.etsi.eu](http://www.etsi.eu)

EC - European Commission [www.ec.europa.eu](http://www.ec.europa.eu)

EFTA - European Free Trade Association [www.efta.int](http://www.efta.int)