INDIA

SESEI
Newsletter

SECONDED EUROPEAN STANDARDIZATION EXPERT IN INDIA

CEN — European Committee for Standardization

CENELEC — European Committee for Electro Technical Standardization

ETSI — European Telecommunications Standards Institute

European Commission — European Commission

EFTA — European Free Trade Association

IN THIS ISSUE

Greeting from SESEI!

Dear Readers,

We welcome you all to the eleventh Edition of the SESEI Newsletter_ India. In this newsletter, we cover recent updates from the EU around emerging technologies covering strategy and standards as developed in the concerning priority sectors of Project SESEI for the period of January to March 2022.

At the outset, we are pleased to share that a Memorandum of Understanding (MoU) has been signed between Bureau of Indian Standards (BIS) with ETSI and CEN-CENELEC. The signing of the MoU's is a significant milestone for the Project SESEI and the project partners as it will further strengthen our ongoing cooperation between European standardisation bodies and BIS on various topics of mutual interest.

The European Commission (EC) has released its Strategy on Standardisation - Setting global standards in support of a resilient, green, and digital EU single market. The strategy has reinforced co-operation around Standardisation and its harmonisation to International Standards and promoting existing international standards. European Committee for Standardization (CEN) and European Committee for Electrotechnical Standardization (CENELEC), welcomed the new European Standardization Strategy which also reinforces the common efforts to deliver on the ambitions of the twin transition and have also provided their response on the proposal for an amendment to Regulation (EU) No 1025/2012 – which sets the principles for how the European Standardization Organizations (ESOs) support European legislation.

The European Commission has also proposed new rules on who can use, and access data generated in the EU across all economic sectors. This Data Act will ensure fairness in the digital environment, stimulate a competitive data market, open opportunities for data-driven innovation and make data more accessible for all.

The European Commission have also proposed new rules to establish common cybersecurity and information security measures across the EU institutions, bodies, offices, and agencies. The proposal aims to bolster their resilience and response capacities against cyber threats and incidents. A virtual conference focused on 'European Standardization in support of the EU cybersecurity legislation' was also organized by the ESO's to present the current developments around cybersecurity standardization and it fostered a dialogue among policy makers, industry, research, consumer associations, standardization, and certification organizations, including all of those involved in the development of the ICT certification framework in Europe.

EN 17529 'Data protection and privacy by design and by default' has been developed by the CEN-CLC/JTC 13 'Cybersecurity and Data Protection' covering requirements for manufacturers and/or service providers to implement Data protection and Privacy by Design and by Default (DPbDD) early in their development of their products and services, i.e. before (or independently of) any specific application integration, to make sure that they are as privacy ready as possible.

CEN and CENELEC have also released "CEN-CENELEC Protocol on accessibility following a Design for All approach in standardization". The protocol outlines the procedure to help technical bodies decide whether accessibility, with a Design for All approach, should be addressed when developing or revising a standardization deliverable. On this subject of accessibility, India has also adopted EN 301 549 and released an Indian Standard IS 17802 Part-1 covering accessibility requirements for ICT Project & Services.

To aid in the development of a European Professional ICT workforce, it is important to provide education and training fit to meet the requirements of the ICT professional community. On this, CEN-CENLEC has introduced Technical Specification CEN/TS 17699 'Guidelines for developing ICT Professional Curricula as scoped by EN 16234-1 (e-CF)' and ETSI has released, updated and revised education and comprehensive teaching materials on education about ICT standardization. These steps will support the development of a competent, professional European ICT workforce.

Standardization and focus on the Accessibility, Sustainability and Smart Technologies is the main emphasis of the CENCENELEC Work Programme 2022. CEN-CENELEC have also released its new CEN and CENELEC Guide 39 on the role of standards in support of technology transfers. Standardization and innovation are often presented by arguing that standardization can block innovation. This guide helps to counter this argument by highlighting the role of standards in promoting innovation in the marketplace. The main target audience of this Guide are researchers, providers of new technologies, entrepreneurs, and start-ups that are interested

in making use of standardization to support a research outcome into a market innovation.

European Telecommunications Standards Institute (ETSI) during this quarter have released many new standards and specifications covering Release 2 of its Experiential Networked Intelligence (ENI) specifications with the system architecture ETSI GS ENI 005, which will provide better insight into network operations - allowing more effective closed-loop decision making plus better lifecycle management and first specifications for the Smart Contracts GS PDL 011 , which is the first in a series of specifications that are concerned with the implementation of permissioned distributed ledgers (PDL). A White Paper titled as "An Introduction of Permissioned Distributed Ledger (PDL)" was published by the this PDL working group at ETSI and it outlines that smart contracts will play a critical role in PDL, and the integrity through the entire lifecycle of a smart contract needs to be guaranteed. ETSI has also standardized its Advanced Mobile Location Technical specification ETSI TS 103 625 which builds on the Advanced Mobile Location initiative described in ETSI TR 103 393 and is being used in an increasing number of countries to improve the precision and accuracy of a caller's location information for emergency calls from mobile handsets.

A standard supporting Energy transition EN 17463 'Valuation of Energy related investments (VALERI)' is also released by CEN-CENELEC and it is an important breakthrough in the developing field of "green finance", it lays down a clear and comprehensive path towards the economic evaluation of actions to improve energy performance.

As always, we look forward to your comments and suggestions to further improvise it.

Warm Regards,
Dinesh Chand Sharma

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Enabling Europe-India Cooperation on Standards

European Commission Launches Standardization Strategy

The European Commission (EC) has published a new Standardization Strategy outlining EU approach to standards within the Single Market as well as globally. The Strategy is accompanied by a proposal for an amendment to the Regulation on standardization, a report on its implementation, and the 2022 annual Union work programme for European standardization. This new Strategy aims to strengthen the EU's global competitiveness, to enable a resilient, green and digital economy and to enshrine democratic values in technology applications. The new Standardization strategy illustrates the EU approach to standards concerning the Single Market and globally proposing five main actions:

- Anticipate, prioritize and address standardization needs in strategic areas
- Improve the governance and integrity of the European standardization system
- Enhance European leadership in global standards
- Support innovation
- Enable the next generation of standardization experts

Download EU strategy on standardization

CEN and CENELEC Welcome the New European Standardization Strategy

European Committee for Standardization (CEN) and European Committee for Electrotechnical Standardization (CENELEC), two of the three officially recognized European Standardization Organizations, welcome the new European Standardization Strategy which reinforces the common efforts to deliver on the ambitions of the twin transition.

The Strategy, newly released by the European Commission, aims to respond to the need for Europe to strengthen the strategic role standards play in the Single and the Global Market. It sets the pathway to better support Europe's competitiveness and strategic autonomy, facilitate the dissemination of European innovations and ensure that European and international standards are in line with the EU's interests and values. CEN and CENELEC share the value the Strategy gives to standards as a key tool to contribute to a resilient green and digital transformation of the EU's industrial ecosystem.

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CEN and CENELEC's Response to the EC Consultation on Regulation 1025/2012

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As part of the European Standardization Package, the Commission presented a proposal for an amendment to Regulation (EU) No 1025/2012 – which sets the principles for how the European Standardization Organizations (ESOs) support European legislation – and subjected it to a consultation process to receive input from interested stakeholders. In particular, the proposed amendment concerns the decisions of ESOs concerning European standards and European standardization deliverables.

Given the relevance of the topic and their commitment to contribute to the reflection on the future of the European Standardization System (ESS), CEN and CENELEC, as two of the officially recognized ESOs, issued a response. In particular, the two organizations welcome the proposed amendment of Regulation 1025/2012 and the fact that it emphasizes the national delegation principle.

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Data Act: Commission Proposes Measures for a Fair & Innovative Data Economy

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The Commission proposed new rules on who can use, and access data generated in the EU across all economic sectors. The Data Act will ensure fairness in the digital environment, stimulate a competitive data market, open opportunities for data-driven innovation and make data more accessible for all. It will lead to new, innovative services and more competitive prices for aftermarket services and repairs of connected objects. This last horizontal building block of the Commission's data strategy will play a key role in the digital transformation, in line with the 2030 digital objectives.

In addition, the Data Act reviews certain aspects of the Database Directive, which was created in the 1990s to protect investments in the structured presentation of data. Notably, it clarifies that databases containing data from Internet-of-Things (IoT) devices and objects should not be subject to separate legal protection. This will ensure they can be accessed and used.

Read more

Discover New EN 17529 on Data Protection and Privacy by Design and by Default

Privacy and personal data protection are essential in our current society as our offline and digital experiences are increasingly entwined. To ensure that these essential values are taken into account early on in the development of products and services, newly developed EN 17529 'Data protection and privacy by design and by default' provides manufacturers and service providers with requirements before, or independently of, any specific application integration.

EN 17529 was developed in response to a request from the European Commission and is a perfect example of how European standards can be developed to complement international adoptions to address European values. Under this same mandate, there are also two Technical Reports that are currently being finalized which contain recommendations on how to integrate the principle of 'data protection and privacy by design' during the entire lifecycle of biometric access-control products and services, in order to achieve 'data protection and privacy by default'. EN 17529 was developed by CEN-CLC/JTC 13 'Cybersecurity and Data Protection', the Secretariat of which is currently held by DIN. JTC 13 is currently working on more standards to address similar issues, notably through its Working Group 5 'Data Protection, Privacy and Identity Management'.

Read more

European Commission proposes new cyber security regulations

The Commission proposed new rules to establish common cybersecurity and information security measures across the EU institutions, bodies, offices and agencies. The proposal aims to bolster their resilience and response capacities against cyber threats and incidents, as well as to ensure a resilient, secure EU public administration, amidst rising malicious cyber activities in the global landscape.

Cybersecurity Regulation: The proposed Cybersecurity Regulation will put in place a framework for governance, risk management and control in the cybersecurity area. It will lead to the creation of a new inter-institutional Cybersecurity Board, boost cybersecurity capabilities, and stimulate regular maturity assessments and better cyber-hygiene. It will also extend the mandate of the Computer Emergency Response Team for the EU institutions, bodies, offices and agencies (CERT-EU), as a threat intelligence, information exchange and incident response coordination hub, a central advisory body, and a service provider.

Read more

Standardization Conference Explores EU Cyber- Security Legislation

The European Standards Organizations (ESOs), CEN, CENELEC and ETSI, joined forces with ENISA, the European Union Agency for Cybersecurity, to organize their 6th annual conference. The virtual conference

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Discover the New CEN and CENELEC Protocol for Accessibility

CEN and CENELEC are fully committed to ensuring that, through their standards, goods and services are equally accessible to all. In this context, they just released the updated "CEN-CENELEC Protocol on accessibility following a Design for All approach in standardization". The protocol outlines the procedure to help technical bodies decide whether accessibility, with a Design for All approach, should be addressed when developing or revising a standardization deliverable. The new version, adopted by CEN/BT/Working Group 213 'Strategic Advisory Group on Accessibility' (SAGA), was made shorter and more simple to use, based on the feedback received on its previous version: in the current format, the protocol is now reduced from 6 to 2 documents.

Interested Technical Body officers are invited to start with document 1 – 'The Protocol Form', which helps understand if and how accessibility is applicable to projects. Further information and guidance on how to include accessibility to standardization projects can be found under document 2 – 'Relevance'.

Read more

focused on 'European Standardization in support of the EU cybersecurity legislation'. The event opened with the European Standards Organizations, ENISA and the European Commission giving an overview of the EU cybersecurity standardization landscape.

The purpose of the conference was twofold. First of all, the event presented current developments in the area of cybersecurity standardization. It also fostered a dialogue among policy makers, industry, research, consumer associations, standardization, and certification organizations, including all of those involved in the development of the ICT certification framework in Europe.

The EU Agency for Cybersecurity seizes the opportunity of the standardization conference to issue two new reports on standardization in support of cybersecurity policy. The first is overview of existing standards in relation to risk management describing methodologies & tools used to meet standards' requirements. The second report focuses on 5G cybersecurity and analyzes standards contributing to the mitigation of technical and organizational risks in the 5G ecosystem. Both reports identify standardization gaps, and provide recommendations to enhance standards coverage in these areas, based on the needs of stakeholders.

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MEC is Ramping up with Phase 3 Work on Multi-Access Edge Computing

In the last two months, ETSI MEC has updated many Phase 2 reports and specifications. For its Phase 3 work, the ISG MEC recently released the updated MEC Terminology, ETSI GR MEC 001. A major milestone of the group is the ETSI specification on MEC Framework and Reference Architecture, GS MEC 003, introducing the MEC Federation architecture variant. This concept is a key enabler for supporting the requirements coming from GSMA OPG (Operator Platform Group). It enables inter-MEC system communication and allows 5G operators to collaborate among themselves and with service cloud providers and other stakeholders. This architecture also "federates" their edge computing resources by offering their MEC service capabilities for mutual consumption, and for application developers and end customers (e.g. vertical market segments).

MEC Open Area: In addition, the group enhanced its MEC Open Area with drafts of two updated specifications to foster the collaboration with other bodies such as GSMA and 3GPP. These two specifications on Edge Platform Application Enablement (MEC 011) and Federation enablement APIs (MEC 040), are critical for

Phase 3 work, especially in the view of MEC Federation. Publicly available, this open area provides visibility to all stakeholders about ISG MEC's on-going progress on key specifications.

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ETSI Announces Second Release on Self-Adapting Autonomous Networks

Following on from meetings conducted in late 2021, ETSI has now completed Release 2 of its Experiential Networked Intelligence (ENI) specifications with the system architecture ETSI GS ENI 005. ETSI GS ENI 005 and associated documents will provide better insight into network operations - allowing more effective closed-loop decision making plus better lifecycle management. Through its use, operators will be able to leverage acquired data and apply artificial Intelligence (AI) algorithms to it. This will mean that they can respond much quicker to changing situations and gain far greater agility. The services being delivered across their networks may thereby be rapidly adapted and the resources they have available correctly assigned in accordance with subscribers' requirements, or any other alterations in circumstances (either operationally or commercially driven).
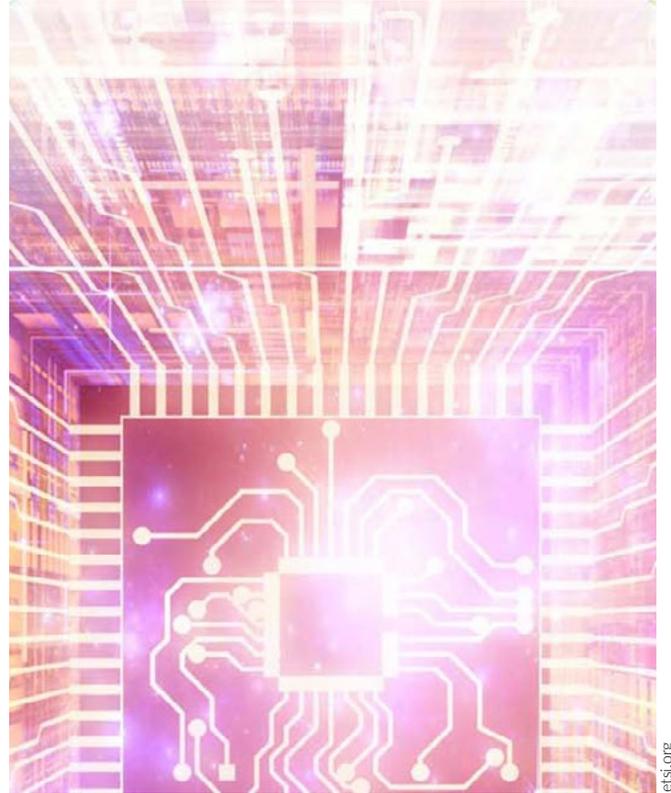
An industry specification group (ISG) focused on ENI was first established by ETSI five years ago. ETSI ENI Release 2 defines the key architectural requirements (GS ENI 002), and provides a more comprehensive array of potential use cases (GS ENI 001) and applicable proof of concept (PoC) specifications. To support this release, the ENI ISG has produced a series of reports.

Read more

A New Technical Specification Fosters ICT Education in Europe

To aid in the development of a European Professional ICT workforce, it is important to provide education and training fit to meet the requirements of the ICT professional community. This requires enhanced approaches to address the education of new and existing ICT practitioners and the need for continuous professional development.

Technical Specification CEN/TS 17699 'Guidelines for developing ICT Professional Curricula as scoped

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by EN 16234-1 (e-CF)' is designed to address ICT professionalism through education. It guides curriculum and learning programme developers through the process of forming ICT practitioner courses and programmes, along a pathway to support the development of a competent, professional European ICT workforce.

This Technical Specification provides guidance on the design/redesign, development and maintenance of a curriculum or learning programme to achieve alignment or compliance with EN 16234-1:2019 'e-Competence Framework (e-CF)'. The TS provides a methodology deploying the application of educational profiles as a step-by-step approach for verifying the alignment of programme content with the competences articulated in EN 16234-1 (e-CF).

Read more

ETSI Launches Education Programme for Next Generation of ICT Professionals

ICT standardization plays an important role for interoperability and innovation and its practice remains a topic that is not easily accessible. To try to remedy this situation and prepare the next generation of standards professionals, ETSI has developed

comprehensive teaching materials on education about ICT standardization. Written by a team of professors, researchers, and standards professionals, the first edition of the textbook was published in 2018 with the support of the European Commission and the EFTA Secretariat. We are now launching a fully revised and enriched edition of these teaching materials. These are targeted at third-level education, primarily for students of engineering or scientific subjects. The book and the slide set are structured in a modular form so that components can be used in business or law courses, or the whole can be used as a course on standardization in engineering degrees.

Due to the rapid technological advances in ICT, ICT standardization seems to become increasingly restricted to the expert, while remaining mysterious to the non-expert. Thus, the textbook is an attempt to remove the accessibility barriers related to the understanding of ICT standardization. The 1st Edition and the associated slides have already been used by many universities and students throughout Europe. The textbook and a comprehensive set of slides are available from the ETSI website free of charge at https://www.etsi.org/media-library/education

Read more

ETSI Announces First Specification for Smart Contracts

ETSI has just released GS PDL 011 the first in a series of specifications that are concerned with the implementation of permissioned distributed ledgers (PDL). This and following specifications will help with the realization of the numerous operational and security advantages of a decentralized approach to the recording of transactions, while simultaneously being both inexpensive to perform and inherently scalable.

ETSI's industry specification group for PDL (ISG PDL) was formed with the objective of establishing an open ecosystem upon which trusted and fully compatible PDL solutions could be built. The group includes mobile operators, semiconductor vendors, telecom equipment suppliers, agriculture manufacturers, automotive brands, plus several highly respected research institutes.

The new PDL group specification (GS PDL 011) produced by the ETSI ISG will provide a functional framework to adhere to when smart contract activities are being undertaken, without repudiation being a threat. This will thereby prevent the prospect of fraud occurring.

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ETSI Advanced Mobile Location Standard Now Permits European Smartphones to Send Caller Location in Emergency Calls

Since 17 March all smartphones sold in Europe are required to comply with Advanced Mobile Location for emergency communications. AML was standardized in ETSI TS 103 625 by the ETSI technical committee on emergency communications (EMTEL) in December 2019. It is already helping emergency services dispatch the needed resources efficiently in Europe and worldwide.

AML meets the requirements of the Delegated Regulation 2019/320 which makes it mandatory that all the smartphones sold in the European single market send the caller's handset-derived location information when launching an emergency communication. The legislation specifically requires that smartphones process data from Global Navigation Systems, compatible and interoperable with at least the Galileo system, and Wi-Fi data to establish the caller's position. AML is a protocol to transport the data (using SMS and/or HTTPS) from the smartphone to the emergency call centre. It provides the accurate location of the caller to the Public Safety Answering Point (PSAP) in a manner that is compliant with privacy regulations.

In parallel, ETSI is finalizing ETSI TS 103 825 that will provide the Test Purposes to develop AML test descriptions for handsets. This new standard will help Notified Bodies assess the compliance of manufacturers' smartphones with AML. AML is supported by the main two operating systems, iOS and Android, and is already deployed in 30 countries worldwide.

Read more

Circular Economy: Commission Proposes New Consumer Rights

The Commission proposed to update the EU consumer rules to empower consumers for the green transition. The updated rules will ensure that consumers can take informed and environment-friendly choices when buying their products. Consumers will have a right to know how long a product is designed to last for and how, if at all, it can be repaired. In addition, the rules will strengthen consumer protection against untrustworthy or false environmental claims, banning 'greenwashing' and practices misleading consumers about the durability of a product.

Read more

Green Deal: Modernizing EU industrial emissions rules to steer large industry in long-term green transition

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The European Commission presented proposals to update and modernize the Industrial Emissions Directive, key legislation to help prevent and control pollution. Updated rules will help guide industrial investments necessary for Europe's transformation towards a zero-pollution, competitive, climate-neutral economy by 2050. They aim to spur innovation, reward frontrunners, and help level the playing field on the EU market. The revision will help provide long-term investment certainty, with first new obligations on industry expected in the second half of the decade.

The revision builds on the overall approach of the existing Industrial Emissions Directive, which currently covers some 50,000 large industrial installations and intensive livestock farms in Europe. These installations need to comply to emissions conditions by applying activity specific 'Best Available Techniques'. These techniques are determined together by industry, national and Commission experts, and civil society. The new rules will cover more relevant sources of emissions, make permitting more effective, reduce administrative costs, increase transparency, and give more support to breakthrough technologies and other innovative approaches.

Read more

Commission awards over €1 billion to innovative projects for the EU climate transition

The Commission signed grant agreements of €1.1 billion with seven large-scale projects via the EU Innovation Fund, funded by revenues from the EU's Emissions Trading System (ETS). These projects aim to reduce emissions by over 76 Mt of CO2eq during the first ten years of operation. The seven projects are deploying innovative low-carbon technologies at industrial scale, covering key sectors such as hydrogen, steel, chemicals, cement, solar energy, biofuels, and carbon capture and storage.

Read more

"Valuation of Energy Related Investments", A Standard Supporting Energy Transition

CEN-CLC/JTC 14 'Energy management and energy efficiency in the framework of energy transition' (JTC 14) published new EN 17463 'Valuation of Energy related investments (VALERI)'. The standard is an important breakthrough in the developing field of "green finance", and it was the result of the efforts of many European experts invested in this work during the difficult time of the pandemic. Its unique achievement is that it lays down a clear and comprehensive path towards the economic evaluation of actions to improve energy performance, including multiple benefits and renewable sources, by proposing the use of "Net Present Value" (NPV) calculations.

The methodology is expected to increase the confidence of financial institutions and investors in energy performance improvement projects because of the material integration of the technical and financial risk assessment.

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CEN/CLC GUIDE 39: the role of standards in support of Technology Transfer

CEN and CENELEC and their Members are fully committed to strengthening their relationship with researchers and innovators and promoting standards as tools to channel research outcomes and innovative ideas into the market. Standards are increasingly recognized as a crucial tool to get the most out of research results as they form a common language that allows researchers, people and industry to communicate, produce and commercialize products and services, as acknowledged by the "EU valorization policy".

On the other hand, a common misconception that can often be heard is that standardization can block innovation. New CEN and CENELEC Guide 39 on the role of standards in technology transfers helps to counter this argument by highlighting how standards promote innovation in the marketplace. The main target audience of this Guide are researchers, providers of new technologies, entrepreneurs, and start-ups that are interested in making use of standardization to support a research outcome into a market innovation.

Read more

Standardization and Research in the First Set of Horizon Europe Calls

In 2021, the European Commission launched the latest Research Framework programme: Horizon Europe. Horizon Europe will run from 2021 to 2027 with a budget of 95.5 billion Euros targeting researchers and innovators in pursuit of Europe's strategic goals, with a focus on the green and digital transition. The first set of calls for proposals (for 2021-2022) were published in June of last year, with 846 different calls addressing areas such as civil security, digital industry, climate and energy, bioeconomy, health and innovative ecosystems.

Consortia of interested organizations including national standards bodies and CEN and CENELEC can submit proposals. If selected, the consortia will receive the relevant EU funding to run the project.

Read more

Newly Launched C-V2X Service Demonstrated at ETSI Plugtest Event

At the 3rd ETSI CV2X PLUGTESTSTM interoperability event, held in partnership with 5GAA and hosted by DEKRA, Vodafone has demonstrated a new C-V2X platform designed to connect road users directly with transport authorities, enabling safety information, hazard warnings and traffic updates to be shared with users in real-time. The new C-V2X platform is based on ETSI TC ITS and 3GPP mobile communication standards. Vodafone plans to launch the platform within its own Vodafone Automotive apps later this year. C-V2X (Cellular Vehicle-to-Everything) is an Intelligent Transport System (ITS) service using mobile communications technology for direct and network-based communication between vehicles, from vehicles to pedestrians and from vehicles to infrastructure. 2022 is an important year for implementing and deploying ITS services in many regions in the world, ETSI and 3GPP standards will play a significant role in making our roads safer.

Read more

Whitepapers/Publications

ETSI publishes a white paper introducing Permissioned Distributed Ledger (PDL)

After the release of the first specification on smart contracts on 18 January, members from the ETSI PDL group published a White Paper entitled "An Introduction of Permissioned Distributed Ledger (PDL)". Distributed ledgers have consolidated as one of the most disruptive applications of information technology that have appeared in recent years. Their ability to store any kind of data as a consensus of replicated, shared, and synchronized digital records distributed across multiple sites, without depending on any central administrator, together with their properties regarding immutability (and therefore non-repudiation) and multi-party verifiability opens a wide range of applications. The conclusion of the White Paper outlines that smart contracts will play a critical role in PDL, and the integrity through the entire lifecycle of a smart contract needs to be guaranteed.

Download white paper

New Edition of CEN and CENELEC Guide 25

Guide 25 is key to further strengthening the overall participation of European stakeholders to standardization work for an inclusive European Standardization System, as highlighted in the CEN and CENELEC Strategy 2030, and specifically in its Goal 4. The Guide covers six categories of cooperation within CEN and CENELEC: Partner Organizations, Liaison Organizations, Associated Bodies, European Counsellors, European Institutional Stakeholders and Other Cooperating Organizations.

Download CEN and CENELEC Guide 25 – Edition3

CEN CENELEC Work Programme 2022

As every year, the Work Programme 2022 gives an overview of the main standardization developments and strategic priority areas CEN-CENELEC are ready to implement in 2022 across 14 business sectors. For each sector, the reader will find a list of the technical bodies involved in carrying out the work, the number of standards published by CEN-CENELEC, a detailed overview of the topics where standardization work is expected and the standardization requests received from the European Commission and EFTA. The Work Programme also presents a focus on three horizontal business topics, which have been selected based on their relevance to meet today's challenges: Accessibility, Sustainability and Smart Technologies.

Download CEN CENELEC Work Programme 2022

Events Calendar 2022

Workshop 'Interoperability of security'

When: 21-04-2022 (online)

This webinar will:

- address and clarify the current situation

- identify critical points

- identify a potential way out, propose improvements in standardization processes in security

More information

ENISA-ETSI Joint Workshop on Remote Identity Proofing

When: 03-05-2022 (online)

ENISA and ETSI are organizing a joint workshop as part of their joint effort and collaboration to support EU requirements for identity proofing. The workshop follows the recent publication of ENISA's report on "Remote Identity Proofing - Attacks & Countermeasures" and the recent ETSI Technical Specification TS 119 461 on "Policy and security requirements for identity proofing". During the event we will explore and discuss remote identity proofing techniques, attacks and countermeasures, the technology users point of view, and we will delve into testing, audit and standardization.

More information

2nd FRMCS Remote Plugtests

When: 16-05-2022 – 20-05-2022 (online)

ETSI, with the support of the European Commission (EC), the European Free Trade Association (EFTA), the Critical Communications Association (TCCA) and the Union Internationale des Chemins de fer (UIC), organizes the 2nd FRMCS (Future Railway Mobile Communication System) PlugtestsTM event, which will take place as a remote-only event from 16th to 20th May 2022. GSM-R is the current standard for the railway telecommunication services developed and maintained by ETSI TC RT. With the increased need for more throughout, higher capacity and flexible deployment options, FRMCS is being developed based on 3GPP Mission Critical Services.

More information

eSignature Validation Plugtests 2022

When: 16-05-2022 to 10-06-2022 (online)

ETSI Centre for Testing and Interoperability (CTI) on behalf of TC ESI, ETSI's Technical Committee for Electronic Signatures and Infrastructures is organizing a remote Plugtests interoperability event on Electronic Signature Validation. This event will be run remotely from 16 May to 10 June 2022 using a dedicated web portal. The aim of the event is to check the interoperability of ETSI advanced digital signatures and the validation capacities of the participants in order to help them detect possible issues which may lead to different validation results.

More information

Events Calendar 2022

The ETSI Seminar

When: 19-05-2022

The ETSI Seminar is run once a year, to provide an intensive course on ETSI, its organization, structure, ways of working and related subjects. It is targeted at those who are new to ETSI or those who need to develop a deeper understanding of how to work effectively in ETSI. The ETSI Seminar is an important step in the orientation programme 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.

More information

Standards For Climate: uptake of nature-based solutions in urban and rural areas

When: 23-05-2022 (online)

The consequences of climate change are increasingly felt across the world. Nature-based solutions, which consists of using natural resources to tackle environmental challenges, have an enormous (and still relatively unexplored) potential to reduce the impact of such disasters, while simultaneously providing environmental, social, and economic benefits and helping build resilience.

More information

CEN-CENELEC Sector Forum PPE - Workshop "Smart PPE – standardization for design and use"

When: 02-06-2022 (online)

In our daily life, we see more and more 'smart' products appearing, also in garments and other (protective) equipment. Standardization of this type of products was initialized in 2017. Following previous workshops, information exchange is essential for standardization activities but also legislative acts and recommendations for certification bodies. Horizontal issues that have to be solved for all sectors together. This includes to prove compliance with EU legal requirements, for instance on the protective functionalities.

More information

Putting Science into Standards workshop on Data quality requirements for inclusive, non-biased and trustworthy AI

When: 08-06-2022

The objectives of the workshop are:

- Presenting current and future needs and recommendations to address data biases and related ethical concerns in the context of AI;

- Mapping of existing and missing standardization efforts;

- Developing guidelines in view of data quality standards for AI models;

- Proposing and recommending steps to start the process of drafting standards.

More information

About Project

SESEI | Seconded European Standardisation Expert in India
Enabling Europe-India Cooperation on Standards

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.

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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