SESEI IV

Seconded European Standardization Expert in India

Newsletter

INDIA |OCTOBER 2021| ISSUE 09

www.sesei.eu | dinesh.chand.sharma@sesei.eu | M: +91 98 1007 9461 | Tel: +91 11 3352 1500

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,

A very warm welcome to our ninth edition of the "SESEI newsletter - India". We are pleased to share with our Indian stakeholder's, updates on various standardization and policy updates being introduced in Europe. Given the synergies' in ever evolving global environment, Indian scenario being one may surely benefit from the aspects outlined here. In this edition, we have made slight changes for ease of reading, grouping together news and updates from our project partners.

First, I would also like to take this opportunity to express my gratitude and extend sincere thanks to all of you for your kind participation to our SESEI IV Survey and providing valuable insight. The results collected from the survey have helped validated the needs, effectiveness, and support this project SESEI has provided to its stakeholders and to the overall project objectives. The survey data not only substantiates the synergies generated between Indian and European standardisation community but also helped in getting interesting insights and feedback such as how they think the project has benefited them, what more they desire further, appreciation for the contributions made by the project expert and their desire for the collaboration to continue between India and EU.

The EU is stepping up its strategic engagement with the Indo-Pacific region and in this regard, European Commission have adopted a Joint Communication on the EU Strategy for cooperation in the Indo-Pacific. To reduce technical barriers to trade, the EU will work with likeminded Indo-Pacific partners on standard setting and other regulatory priorities, in compliance with WTO principles. The EU will also initiate regulatory cooperation in areas to support the green and digital transitions, resume trade negotiations and launch negotiations for a separate investment protection agreement and for an agreement on geographical indications as agreed to do in May 2021. European Commission is also pushing towards common charging solution for all relevant devices. This is an important step against curbing e-waste, be beneficial for the environment and the users as well. To strengthen the digital infrastructure, products and services, European Commission have announced two important Industrial Alliances for "Processors and Semiconductor technologies", and for "Industrial Data, Edge, and Cloud".

CEN-CENELEC is deeply engaged in path breaking work in the realm of environment safety, energy efficiency & resources efficiency and is avidly contributing towards the European Green deal mandate. During this quarter, it has published EN 17507 'Road vehicles - Portable Emission Measuring Systems (PEMS) - Performance assessment', which will help

in measuring particulate emissions of road vehicles, and thus contributing to reducing transport pollution'. Similarly, a new standards on Energy efficiency of Jet fans EN ISO 12759-5 have also been adopted and is applicable for all jet fan types driven by motors with an electrical input power range from 5.5 kW to 155 kW. Another interesting initiative by CEN-CENELEC is towards the digitisation of Insurance industry. CEN/TC 445 'Digital information Interchange in the Insurance Industry' will help in standardization of the data formats being used for information exchange in the insurance industry. In November 2020, CEN/TC 445 published the European standard EN 17419-1:2020, which specifies the transfer of electronic documents. We would also encourage you to download very comprehensive brochure and infographics on future of standardization in the digital transition as well as set of standards for the bio-based products and publication of New Guidelines (ISO/TS 82304-2) on Health & Wellness Apps released by CEN/CENELEC.

Many new initiatives and releases at ETSI have also been featured in the newsletter. A new Industry Specification Group on Reconfigurable Intelligent Surfaces (ISG RIS) have been created to review and establish global standardization for RIS technology which opens new opportunities to improve the performance of wireless systems. ETSI has also released 5th Generation Fixed Network group (F5G) Technology Landscape. In this specification - ETSI GS F5G 003 Group studies the technical requirements, existing standards and gaps for 10 different new use cases, for home, enterprises or industrial needs. Three major specifications and reports as developed by ETSI's Zero-touch network and Service Management (ZSM) group have also been released during this quarter, which defines end-to-end network slicing management and orchestration architecture blueprint and solutions. The Industry Specification Group on Encrypted Traffic Integration (ISG ETI) have released its first report, ETSI GR ETI 001, on Encrypted Traffic Integration (ETI); Problem Statement, providing details of the impact of encrypted traffic on stakeholders and how these stakeholders' objectives interrelate. Also a new report by the MEC Industry Specification Group (ETSI ISG MEC) on inter-MEC system deployment and MEC-Cloud system coordination ETSI GR MEC 0035 analyses eight use cases that require inter-system coordination, including those in multi-mobile network operators' (MNOs) environments.

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

We encourage you to please read the newsletter and share it with your colleagues in your organisation. We look forward to your suggestions, comments, and words of encouragement.

Warm Regards,

Dinesh Chand Sharma
(Seconded European Standardization Expert in India)

Commission Kick-Starts Alliances for Semiconductors & Industrial Cloud Technologies

The European Commission kick-starts two new Industrial Alliances: The Alliance for Processors and Semiconductor technologies, and the European Alliance for Industrial Data, Edge, and Cloud. The two new alliances will advance the next generation of microchips and industrial cloud/edge computing technologies and provide the EU with the capabilities needed to strengthen its critical digital infrastructures, products, and services. The alliances will bring together businesses, academia, users, as well as research and technology organisations.

Industrial Alliance for Processors and Semiconductor technologies: The Industrial Alliance on processors and semiconductor technologies will be a key instrument to further industrial progress in the EU in this area. It will identify and address current bottlenecks, needs and dependencies across the industry. It will define technological roadmaps ensuring that Europe has the capacity to design and produce the most advanced chips while reducing its overall strategic dependencies by increasing its share of the global production of semiconductors to 20% by 2030.

European Alliance for Industrial Data, Edge and Cloud: The European Alliance for Industrial Data, Edge and Cloud will foster the emergence of disruptive cloud and edge technologies that are highly secure, energy and resource-efficient and fully interoperable, fostering trust for cloud users across all sectors. The Alliance will serve the specific needs of EU citizens, businesses, and the public sector (including for military and security purposes) to process highly sensitive data, while boosting the competitiveness of EU industry on cloud and edge technologies.

Read more>>

Back to contents

European Commission Proposes a Common Charger for Electronic Devices

The Commission takes an important step against e-waste and consumer inconvenience, caused by the prevalence of different, incompatible chargers for electronic devices. Years of working with industry on a voluntary approach already brought down the number of mobile phone chargers from 30 to 3 within the last decade but could not deliver a complete solution. The Commission is now putting forward legislation to establish a common charging solution for all relevant devices.

With proposal for a revised Radio Equipment Directive, the charging port and fast charging technology will be harmonised: USB-C will become the standard port for all smartphones, tablets, cameras, headphones, portable speakers, and handheld videogame consoles. In addition, the Commission proposes to unbundle the sale of chargers from the sale of electronic devices. This will improve consumers' convenience and reduce the environmental footprint associated with the production and disposal of chargers, thereby supporting the green and digital transitions.

The revision of the Radio Equipment Directive is part the Commission's broader action to address the sustainability of products in particular electronics on the EU market, which will be the focus of a forthcoming proposal on sustainable products.

Read More>>

Back to contents

EU and Indo-Pacific: Natural Partners

The European Commission and the High Representative adopted a Joint Communication on the EU Strategy for cooperation in the Indo-Pacific. The Joint Communication contains concrete actions to **Implementing the strategy:** The EU and the Indo-Pacific are highly interconnected, with many shared interests and solid ties, from trade and investments to research and innovation, as well as sustainable development, climate change, biodiversity protection and security.

The EU is stepping up its strategic engagement with the Indo-Pacific region. This region is increasing in strategic importance for Europe. Its growing economic, demographic, and political weight makes it a key player in shaping the rules-based international order and in addressing global challenges. The EU aims to contribute to the region's stability, security, prosperity, and sustainable development, in line with the principles of democracy, rule of law, human rights and international law.

The implementation of the EU Strategy will include the following actions: Completing EU trade negotiations with Australia, Indonesia, and New Zealand; resuming trade negotiations and starting investment negotiations with India; completing an Economic Partnership Agreement with the East Africa Community; assessing the possible resumption of trade negotiations with Malaysia, the Philippines and Thailand, and the eventual negotiation of a region-to-region trade agreement with ASEAN.

Read More>>

Back to contents

Stair4Security (Standards, Innovation and Research for Security) Project: Conclusions and Results

STAIR4SECURITY (Standards, Innovation and Research for Security) is a project funded by the European Union's Horizon 2020 research and innovation programme. The project has been coordinated by CEN with the involvement of four National Standardization Bodies (AFNOR, ASI, DIN and SIS), together with the Chairperson of CEN/TC 391 'Societal and Citizen Security', TFC Research and Innovation Limited, National University of Ireland Galway, and KPMG Future Analytics. The project started in January 2019 and ended in June 2021.

The project developed a digital platform for better coordination of research-related standardization activities in the security sector, and to meet the growing needs of operators in the fields of Chemical-Biological-Radiological-Nuclear and small- sized quantity Explosives (CBRNe) and Disaster Resilience/Disaster Risk Reduction (DRR). The platform builds on a legacy of identified projects and provides a "single entry point" for any query related to pre-standardization and standardization in the CBRNe/DRR sectors.

The platform is complemented by a supporting eLearning tool, designed to facilitate its use by delivering tailor-made tutorials, highlighting how separate features can be used to accomplish the different phases of the pre-standardization process. This framework is designed to support policy makers, practitioners, industry, researcher and standardisers on innovation research and standardization results.

Read More>>

Back to contents

New EN 17507 to help Improve Measuring the Emissions of Road Vehicles

Improving the way to measure particulate emissions of road vehicles, and thus contributing to reducing transport pollution? This is now possible, thanks to recently published standard EN 17507 'Road vehicles - Portable Emission Measuring Systems (PEMS) - Performance assessment'.

This standard, developed by 'CEN/TC 301 - Road vehicles', aims to qualify the measurement uncertainties of portable particle emission measurement systems (PEMS) used in real driving tests. The qualification of the different components of PEMS is of particular importance in the context of the tightening of particulate emissions thresholds. EU legislation foresees the definition of tolerated emission thresholds by taking measurements of an uncertainty factor, based on the objective precision of the portable measuring means. Thanks to the new standard, this precision is now set to improve and the uncertainty factor to be reduced. The new EN 17507 provides the elements to assess this progression. With this new standard, CEN – the European Committee for European Standardization - brings a new contribution of European standardization to the efforts to address transport pollution, a major challenge in the context of the EU Green Deal.

Read More>>

CEN Published New Guidelines (ISO/TS 82304-2) on Health & Wellness Apps to Sort Best from the Rest

From counting calories to tracing COVID-19, there are hundreds of thousands of health and wellness apps on the market. However, many have access to highly sensitive personal information, whilst others may offer advice that is not always supported by scientific evidence. To effectively evaluate the quality and reliability of such apps, a new technical specification has just been published.

CEN ISO/TS 82304-2 **'Health software — Part 2: Health and wellness apps—Quality and reliability'** brings together and builds on guidelines and requirements for apps by many local and national health organisations around the world to ensure they are safe, reliable, and effective. Recommended by the European Union in their European toolkit for COVID 19 tracing apps to "filter out qualitative and trustworthy health apps", the guidance provides an internationally-agreed set of specifications to assess the apps, with a scoring methodology that gives a 'traffic light' themed label. The Technical Specification will help the industry for health apps realize its potential in managing chronic diseases, tackling unhealthy lifestyles, and supporting ageing populations.

Read More>>

CEN/TC 411 'Biobased Products' has developed a Set of Standards for the Biobased Sector

European Standards play an indispensable role in the market development for biobased products. The standards developed by CEN/TC 411 cover a variety of areas, such as:

- measurement/analysis methods: demonstrating biobased levels

- sustainability criteria
- terminology and communication: streamlining concepts and claims.

In order to provide an overview of standards for biobased products, NEN, the Dutch National Standardization Body, which holds the Secretariat of CEN TC/411, developed a handy infographic.

Read here>>

Back to contents

CEN Paves the Way for the Digitalization of the Insurance Industry

The insurance business is rapidly migrating from paper-based processes to the digitalization and automation of electronic processes. These electronic business processes take place between independent organizations, which leads to a variety of information formats being used. To facilitate this information exchange, there is a need for the standardization of the data formats being used.

The European standards developed by CEN/TC 445 'Digital information Interchange in the Insurance Industry' are focused on the information exchange between insurance companies and their customers and market partners, e.g., brokers, portals, service providers, and other insurers. In November 2020, CEN/TC 445 published the European standard EN 17419-1:2020, which specifies the transfer of electronic documents.

As a follow-up to this Standard, CEN/TC 445 recently published CEN/TR 17419-2:2021 'Implementation Specification for EN 17419-1'. This European technical report describes a concrete specification for an implementation of the EN 17419-1 in a microservice architecture, using REST/JSON based on the Open API 3.0 specification. In addition, it contains a complete API definition for the services implementing the transfer of documents.

Read more>>

Back to contents

DIN, DKE & VDI developing the German Standardization Roadmap for Circular Economy

Together with the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU), the German Institute for Standardization (DIN) and the German Commission for Electrical, Electronic & Information Technologies (DKE) of DIN and VDE and the Association of German Engineers (VDI) have announced the launch of the German Standardization Roadmap Circular Economy. The aim of the Standardization Roadmap is to provide an overview of the status quo of standardization in the field of Circular Economy, describe the requirements and challenges for seven key topics, and identify possible concrete needs for action for future standards and specifications.

- **Essential support for climate targets:** The Circular Economy is of particular importance in achieving the goals of the Green Deal and the Climate Change Act 2021. To achieve the ambitious climate protection targets, new and revised technical rules for the Circular Economy are now needed. The Standardization Roadmap Circular Economy will set the path for this, thus driving forward the green transformation of Germany and Europe.

- **Seven key topics set:** The Roadmap will focus on the following key topics: Electrotechnology and ICT, batteries, packaging, plastics, textiles, construction & municipalities, and digitalization/business models/management.

These are based on the key topics of the EU's Circular Economy Action Plan. With a German Standardization Roadmap for Circular Economy, specific national standardisation needs will be identified with the aim of feeding them into the European and international standardisation bodies.

 Read More>>

Back to contents

Digital in Standards: supporting the Digital Transition through standardization.

The Digital Transition is an opportunity for Europe to boost its competitiveness in global markets. European Standards play a key role in this ambition, seeing as they:

- promote security and safety for products and services
- build trust in emerging technologies
- work to find consensus and enable state of the art solutions for Europe

This brochure is meant to highlight not just what exists for the future of standardization in the digital transition, but to look at the new and exciting fields that standardization plans to explore.

 Read and download the full brochure>>

Back to content

A New Standard Contributes to Improving the Energy Efficiency of Jet Fans

When talking about energy efficiency, one of the most overlooked appliances is fans. Fans of all types are used for ventilation and air conditioning, for process engineering, and agriculture. Their energy use has been calculated as nearly 20% of total worldwide energy usage. To ensure that the fan performance characteristics are common throughout the world, a series of standards has just been developed by ISO and adopted by CEN.

Among these, the recently published EN ISO 12759-5 'Fans-Efficiency classification for fans - Part 5: Jet fans' establishes a classification of fan efficiency for all jet fan types driven by motors with an electrical input power range from 5,5 kW to 155 kW. Jet fans are used for producing a jet of air in a space, unconnected to any ducting. They find applications in the control of quality of air in vehicle and train tunnels, as well as in enclosed car parks, and their use has become increasingly popular (from EN ISO 13350:2015 'Fans - Performance testing of jet fans'). This document was prepared by Technical Committee ISO/TC 117 'Fans', in collaboration with the CEN/TC 156 'Ventilation for buildings', whose Secretariat is held by BSI, the British Standards Institute.

Read more>>

Back to contents

The Future of IoT Security: DIGITALEUROPE Event

The event is dedicated to discussing a study DIGITALEUROPE carried out on the future of cybersecurity for the Internet of Things (IoT). The study takes place in a context of enhanced attention to ensuring the security of IoT devices and makes proposals for decision-makers: the European Commission has put forward several policy proposals to introduce cybersecurity requirements on connected devices. Furthermore, the IoT, in both its

consumer and industrial aspects, is also expected to be one of the future areas for cybersecurity certification pursuant to the Cybersecurity Act.

After the presentation of the results, CEN and CENELEC's work on cybersecurity was presented during an interactive discussion with other high-level speakers, representing the European Commission, civil society organisations, national authorities, the industry and other European Standards Organisations. More information on the panel and on how to subscribe are available on DIGITALEUROPE's website.

Read More>>

Back to contents

CEN, CENELEC & ETSI Workshop on Standards in support of Industrial Data Value Chain

Industrial data has become one of the top strategic priorities for European and international industry in the recent years. Well managed and duly exploited, industrial data bring a significant competitive edge to businesses and can greatly improve overall efficiency, be it by supporting core processes or by providing a new source of insights.

In this data-driven era, industrial data play an essential role in building the foundation of the next wave of digitization in Europe. For this reason, it is key to the success of a harmonised Single Market and European competitiveness in the global market, but also for the success of the twin transition (green and digital) at the heart of the EU policy agenda. Industrial data is of ever-increasing importance for companies in Europe and the world, and particularly so in the context of the digitization of industry. On this topic, on 28 Sept, CEN, CENELEC and ETSI co-organised an online stakeholders' workshop dedicated to exploring how standards can support the industrial data value chain.

Read More>>

Back to contents

ETSI Releases two Technical Reports to Support US NIST Standards for Post-Quantum Cryptography

In 2016 the US National Institute of Standards and Technology (NIST) announced their intention to develop new standards for post-quantum cryptography. They subsequently initiated a competition-like standardization process with a call for proposals for quantum-safe digital signatures, public-key encryption schemes, and key encapsulation mechanisms. NIST have stated that they intend to select quantum-safe schemes for standardization at the end of the current, third round of evaluation. The ETSI CYBER Quantum Safe Cryptography committee is pleased to announce the publication of two Technical Reports that give descriptions of each of the candidate schemes in the third round of the NIST standardization process:

- ETSI TR 103 616 V1.1.1 (2021-09) "Quantum-Safe Signatures"
- ETSI TR 103 823 V1.1.1 (2021-09) "Quantum-Safe Public Key Encryption and Key Encapsulation"

The descriptions contained in the reports are not intended to be used as substitutes for the detailed specifications submitted to the NIST process. Instead, the emphasis is on providing unified, concise descriptions of each of the schemes, using consistent notation and terminology, to facilitate understanding and easy comparison.

Read more>>

Back to contents

ETSI Launches a New Group on Reconfigurable Intelligent Surfaces

ETSI, which produces globally applicable standards for ICT, has launched a new Industry Specification Group on Reconfigurable Intelligent Surfaces (ISG RIS). The group has been created to review and establish global standardization for RIS technology.

RIS is a new type of system node leveraging smart radio surfaces with thousands of small antennas or metamaterial elements to dynamically shape and control radio signals in a goal-oriented manner. The technology will effectively turn the wireless environment into a service, inspiring a host of new use cases. These include enhancing key-performance-indicators for various systems such as coverage and capacity, as well as enabling new applications such as localization and sensing. As an example, an RIS can reconfigure the radio environment to sense human posture and detect someone falling, a very useful application for elderly care. RIS, thanks to its associated characteristics, is expected to serve as a key technology in future wireless systems, including for 6G.

ETSI's new Industry Specification Group will work towards defining use cases, covering identified scenarios, and clearly documenting the relevant requirements with view to pave the way for future standardization of the technology.

Read More>>

Back to contents

ETSI Launches First Specification for the F5G Technology Landscape

ETSI's 5th Generation Fixed Network group (F5G ISG) has just released its first specification, ETSI GS F5G 003, entitled F5G Technology Landscape. In this specification, the ISG studies the technical requirements, existing standards and gaps for 10 different new use cases, for home, enterprises or industrial needs.

ETSI GS F5G 003 use cases include PON (passive optical network) on-premises and passive optical LAN. In this case, a PON system could connect end devices (like HDTV, HD surveillance cameras and VR/AR helmets) and provide higher data rate, better coordination, and controlled latency than current Ethernet and Wi-Fi mesh.

The high-quality private line use case focuses on optical transport networks (OTN) for governments, large companies, financial and medical institutions who need guaranteed bandwidth, low latency, five-nines availability, totally secured network, access to Cloud services and intelligent operation and maintenance of their connectivity. PON enables high quality but low-cost private lines for SMEs and offers higher performance, lower cost, better industrial adaptation, and easier operation for the industrial customers as well.

Read More>>

Back to contents

ETSI Releases Specifications on Trustful End-to-End Network & Service Automation

ETSI is pleased to announce the release of three major specifications and reports developed by its Zero-touch network and Service Management (ZSM) group. ETSI GS ZSM 003, defines end-to-end network slicing management and orchestration architecture blueprint and solutions, and ETSI GS ZSM 009-1 specifies the enablers for closed-

loop automation. The general security aspects related to the ZSM framework and solutions, and potential mitigation options are introduced in the ETSI GR ZSM 010.

- ETSI GS ZSM 003 defines an architecture blueprint and solutions for zero-touch management and orchestration of end-to-end, cross-domain network slicing – supporting both fulfilment and assurance processes. Network slicing spans different technological domains, from the User Equipment (UE) through, for example, the access network, transport network, core network, to the application.
- ETSI GS ZSM 009-1 specified "Governance" services that allow the creation, execution, and life-cycle management of a closed loop, as well as the steering of its behavior. A closed loop enables the continuous optimization and adaption of network and resource utilization as well as automated service assurance and fulfilment.
- ETSI GR ZSM 010 identifies potential security threats related to the ZSM framework and solutions, and proposes mitigation options that should be considered by the ZSM specifications to ensure that the automated processes are secured and deliver the intended business outcomes.

The report introduces countermeasures and potential requirements to address the threats and risks. A related normative specification work (ETSI GS ZSM 014) has commenced. Security is essential in the establishment of confidence in the automation process, and its adoption.

Read More>>

Back to contents

ETSI Releases the First Group Report on Encrypted Traffic Integration, Protecting End Users from Malicious Attacks

ETSI's Industry Specification Group on Encrypted Traffic Integration (ISG ETI) has concluded the early part of its work, by identifying problems arising from pervasive encrypted traffic in communications networks. In the group's first report, ETSI GR ETI 001, entitled Encrypted Traffic Integration (ETI); Problem Statement, ISG ETI identifies the impact of encrypted traffic on stakeholders and how these stakeholders' objectives interrelate. The rise of the use of encryption places networks and users at risk, whilst offering promises of security.

Encryption protects traffic flowing through a network from unauthorized inspection. Nevertheless, encryption does not protect the communicating end points from attack and reduces the ability of firewalls, in combination with other network management systems, to remove malicious traffic. Without being over-dramatic, the rise of a pervasive encryption model allows many of the worst elements of societal and human behavior to go unobserved, because trusted networks are not able to help to protect users. The role of ETSI ISG ETI is to enable all the positive attributes of pervasive encryption to be enhanced, whilst allowing the networks to operate. This requires a deeper understanding of the problem, as evidenced in the GR ETI 001.

Read more>>

Back to contents

ETSI Releases a Report to Enable MEC Deployment in a Multi-Operator's Environment

The ETSI MEC Industry Specification Group (ETSI ISG MEC) has just released a new Group Report ETSI GR MEC 0035 to enable inter-MEC system deployment and MEC-Cloud system coordination. This Report was motivated by

the mobile network operators' interest in forming federated MEC environments and enabling information exchange in a secure manner, in the event that MEC platforms or applications belong to different MEC systems.

ETSI GR MEC 0035 analyses eight use cases that require inter-system coordination, including those in multi-mobile network operators' (MNOs) environments. Recommendations, evaluations and possible technical solutions to solve key issues are issued for each use case. Two use cases make recommendations to achieve V2X service continuity considering a typical MEC federation scenario of V2X services, in a MEC-system environment with multiple operators and multiple equipment manufacturers. Another, use case describes a location-based immersive Augmented Reality game where a MEC federation can serve as a solution to limitations in providing an interactive AR application with users connected via different mobile operators. Additional use cases include:

Download the full Report by following this link: ETSI GR MEC 0035

Back to contents

Whitepapers/Publications

Standardization in a Circular Economy – Closing the Loop - standards for batteries and plastics
CEN and CENELEC are working on supporting European Industry in their transition to a fully functioning Circular Economy. CEN and CENELEC have also recently highlighted how standards aid progress towards European and international policies, such as the UN Sustainable Development Goals, with the declaration "Standards Build Trust" Download Publication

CEN and CENELEC Strategy 2030 Outlines A Common Vision and Ambition
The Strategy 2030 outlines a common vision and ambition for CEN and CENELEC and aims to address the long-term, disruptive challenges we face as a community of European standardizers. In doing so, CENCENELEC framed strategic agenda for 2021-2030 firmly within the context of the twin digital and green transitions, to ensure that standardization systems and services serve as catalysts for the radically transformative growth trajectory which Europe has embarked upon. Download startegy2030

ETSI launches new White Paper titled Fibre Development Index: Driving Towards an F5G Gigabit Society
The new ETSI White Paper explains the methodology used to define a fibre development index, provides migration path recommendations to countries with different fibre development, and highlights the importance of setting policies to underpin that twin (green and digital) transformation. Read More
Download White Paper

ETSI Magazine enjoy! – October 2021
ETSI magazine is issued four times per year, and it covers articles about technologies and standardization.
Download ETSI magazine here

Back to contents

Events Calendar 2021

CEN and CENELEC organise a series of webinars on Open-Source solutions for standardization
When: 11-19 Oct 2021
As part of CEN and CENELEC's Digital Transformation activities, CEN and CENELEC's Digital Transformation Project 4 'OpenSource Solutions' is looking at ways to incorporate open-source approaches into the European standardization ecosystem by December 2022. A series of six workshops to help design a framework (concerning

licensing, tools, and processes) for creating open-source deliverables to be used in standardization. For more information please click here>>

Webinar: Non-IP Networking - where, why and how
When: 19-10-2021
This webinar will give an outline of the main features; documents published and in preparation of ETSI ISG NIN (Non-IP Networking); outline previous academic work and new trials; and will discuss how to implement Non-IP networking over 3GPP cellular access. For more information, please click here>>

8th UCAAT - User Conference on Advanced Automated Testing
When: 19-21 Oct 2021
ETSI is pleased to announce the 8th edition of UCAAT, the User Conference on Advanced Automated Testing, taking place in October 2021. UCAAT 2021 will be a virtual event this year. For more information, please click here>>

Webinar: Fibre Development Index: Driving Towards an F5G Gigabit Society
When: 20 Oct 2021
Fibre and fibre-based optical networks are the key technical enablers of our society's twin transitions (green and digital), providing sustainable and cost-effective communication with high bandwidth, stability, reliability, and improved latency. For more information, Please click here>>

Annual Research Conference 2021
When: 15 Nov 2021
The European Commission's **Annual Research Conference** will take place on **15 November 2021**. The theme of this year's edition is **'Charting the European economy post Covid-19: unusual times require unconventional policies**. For more information please click here>>

Webinar: Welcome to the exciting world of Management and Charging standardization
When: 28 Oct 2021
Introduction to 3GPP/SA5, how we work and our scope of standardization within 3GPP, The effects of the pandemic, statistics of deliverables and specifications. For more information please click here>>

Webinar: 'Harmonized Standards under the Machinery Directive'
When: 18 Oct 2021
This webinar will provide participants with practical information regarding the preparation of CEN & CENELEC harmonized standards to be cited in the Official Journal of the European Union (OJEU) under the Machinery Directive. For more information please click here>>

EU Energy Day - Hydrogen to drive the EU's green transition
When: 14 Nov 2021
The EU Energy Day, organised by the European Commission in the framework of the Expo 2020 in Dubai, will be a hybrid event. In the context of the European Green Deal objective of making Europe a climate neutral continent by 2050, focus on hydrogen as a driver of the EU's green energy transition. For more information please click here>>

JAdES remote Plugtests
When: 8-28 Nov 2021
ETSI Centre for Testing and Interoperability (CTI) is organizing a remote Plugtests interoperability event on JAdES (JSON Advanced Electronic Signature). This remote event aims at conducting interoperability and conformance testing on the new Technical Specification JAdES (JSON Advanced Electronic Signature) referenced as ETSI TS 119 182-1. For more information please click here>>

Low voltage direct current and direct current technologies: potential applications for a clean energy transition
When: 8-10 Nov 2021
The Commission is organising a webinar on low voltage direct current (LVDC) and direct current (DC) technologies for interested energy stakeholders (electricity companies, regulators, industries, building companies, academia and others). For more information please click here>>

6th MCX Hybrid PLUGTESTS
When: 8-19 Nov 2021
ETSI is organizing, 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), the sixth MCX PLUGTESTS. For more information please click here>>

Back to contents

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