



SESEI

SECONDED EUROPEAN
STANDARDIZATION EXPERT
IN INDIA

Newsletter



European
Committee for
Standardization



European Committee
for Electro Technical
Standardization



European
Telecommunications
Standards Institute



European
Commission



European
Free Trade
Association

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Greeting from SESEI!



Dear Reader's

Greetings from Project SESEI and a hearty welcome to our next edition of SESEI Newsletter-India, for the month of September 2023.

At the outset I would like to mention the success of the 18th G20 Summit, marking the first-ever G20 summit hosted by India. The G20 declaration will pave the way for increased synergies in the field of UN Sustainable Development Goals (SDGs), climate action and green development initiatives, multilateral financing, digital public infrastructure, artificial intelligence (AI), and international taxation, among others. During the summit another very important development was the announcement of the India – Middle East – Europe Economic Corridor, joining the three regions through state-of-the-art connectivity infrastructure, helping to bring the economic relationship to a new level and providing improved access to goods, energy and data to citizens and businesses.

ETSI has published a new standard on "[Requirements for trust service providers issuing publicly trusted S/MIME certificates](#)" (ETSI TS 119 411-6) helping Trust Service Providers to comply with new standards for S/MIME certificates that are enforced since 1 September 2023. During this month, ETSI with the support of SESEI also co-organised a workshop on Electronics Signature Infrastructure for the BIS Sectional Committee on this subject. ETSI has also released the World's First Report to Mitigate AI-Generated Deepfakes [ETSI GR SAI 011](#).

To ensure the digital wellness of children, CEN-CENELEC published a framework for children's well-being online [CWA 18016 'Age appropriate digital services framework'](#). This document describes a set of processes to help design and develop online products and services with the rights and well-being of children in mind. **CEN-CENELEC also strongly support the need for developing adequate standards on the environmental impact and the circularity of materials.** Details of their standardization activities for the [transport sector](#) on interoperability and safety requirements and the environmental impact and circularity of materials used for vehicles and transport infrastructure is provided in the newsletter. Further, a new **European Technical Committee [CEN/TC 473 'Circular Economy'](#) has been formed, which will provide an arena for discussions and actions forward in implementing new standards for increased circularity in Europe.**

Apart from the latest updates and news on standards and policy initiatives, we also urge you to read the newsletter as it carries information on latest White Papers, events and seminars.

Happy Reading!!!

Dinesh Chand Sharma

Director Standards & Public Policy

SESEI | Secoded European
Standardisation
Expert in India

Enabling Europe-India Cooperation on Standards



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commission.europa.eu

Global Gateway: Commission Announces Business Advisory Group

European Commission has announced 60 members and 10 observers of the Global Gateway Business Advisory Group. The new group gathers CEOs or senior executives of European companies and business associations. It will assist the European Commission in promoting cooperation with the European private sector as part of the implementation of the Global Gateway strategy and scaling up of Global Gateway flagships.

European Commission President, Ursula von der Leyen, said: "Global Gateway is the EU's contribution to narrowing the global investment gap worldwide. It offers sustainable investments in the prosperity and security of our partners as well as for Europe. To further scale up the Global Gateway flagship projects, we need both public and private resources. The Global Gateway Business Advisory Group will help us to work closer together and deliver faster on the green and digital transitions, boosting the economy of our partners and the EU."

The involvement of the private sector is crucial to mobilising investments under Global Gateway. The Business Advisory Group will ensure that the inputs from the private sector are fully factored in the implementation of Global Gateway. The aim is to boost the impact of Global Gateway investments, which

cover digital, energy and transport sectors, as well as strengthening health, education and research systems, across the world.

Background

Commissioner for International Partnerships, Jutta Urpilainen, made the announcement during a high-level side event on EU Global Gateway, which took place in the margin of the SDG (Sustainable Development Goals) Summit in New York.

The Commission selected the Business Advisory Group members and observers following the call for applications that was launched in March 2023. Members of the group include a mix of EU companies, from small to large, as well as trade and business associations and established business networks. Members are appointed for three years and have to be headquartered in the European Union. European financial institutions and credit agencies are observers to the Business Advisory Group. The first regular high-level meeting of the Business Advisory Group will take place on 27 September 2023.

The Global Gateway Business Advisory Group will also play a key role in the Global Gateway Forum hosted in Brussels by the President von der Leyen on 25-26 October 2023.

[Read more](#)



Digitization



ec.europa.eu

First Report on the State of the Digital Decade Calls for Collective Action to Shape the Digital Transition

The first report on the State of the Digital Decade, published today, provides a comprehensive look at progress towards achieving the digital transformation to empower a more digitally sovereign, resilient, and competitive EU. It includes an assessment of the EU's performance towards Europe's 2030 objectives and targets focusing on four main pillars: digital skills, digital infrastructure, digitalisation of businesses, including the use of Artificial Intelligence (AI), and digitalisation of public services. It also includes the monitoring of the European Declaration on Digital Rights and Principles, which reflects the EU's commitment to a secure, safe and sustainable digital transformation, putting people at the centre.

The 2023 report, which is the first of a series of annual reports, is a call to Member States for collective action to address the current investment gaps, accelerate digital transformation in Europe and intensify efforts to reach the objectives of the Digital Decade Policy Programme (DDPP). The DDPP was adopted by the European Parliament and the Council and entered into force on 9 January 2023, and includes a system of collaborative governance between the EU and national authorities.

The 2023 report's horizontal recommendations and the country-specific recommendations present a clear and operational way forward. The recommendations will be the basis for discussion and collaboration between the Commission and the Member States on how to achieve our common goals. This work will be supported through the implementation of large-scale multi-country projects, including the newly introduced European Digital Infrastructure Consortia (EDICs).

[Read more](#)

ETSI Releases Standard for IT Solution Providers to Comply with EU Regulation on Electronic Signatures in Email Messages

ETSI has published a new standard on "[Requirements for trust service providers issuing publicly trusted S/MIME certificates](#)" (ETSI TS 119 411-6) helping Trust Service Providers comply with new standards for S/MIME certificates that are enforced since 1 September 2023. Secure MIME (S/MIME) certificates are used to sign, verify, encrypt, and decrypt email messages.

Since the 1st of September 2023, all TSPs issuing digital certificates used for S/MIME that are publicly trusted in certain operating systems and root certificate programs must comply with the S/MIME Baseline Requirements

published by the CA/Browser Forum. The new ETSI standard will assist Trust Service Providers in asserting their compliance, when required. It will enable the same public key certificate used for signing electronic mail accepted by major IT solution providers (e.g., Microsoft, Apple, Google) to be also recognized as meeting the EU requirements for electronic signatures, issued to individual persons, and electronic seals, issued to organizations.

[Read more](#)

EN in the Spotlight: A New CWA provides a Framework for Children's Well-being Online

CEN and CENELEC, together with [IEEE \(the Institute of Electrical and Electronics Engineers\)](#) just published a new Workshop Agreement, [CWA 18016 'Age appropriate digital services framework'](#). This document describes a set of processes to help design and develop online products and services with the rights and well-being of children in mind.

The newly released [CWA 18086](#), based on IEEE 2089, helps organizations understand how their products and services affect children. It defines processes that help to develop age-appropriate system design approaches and software engineering methods, and to check whether the digital product is age appropriate. This is intended to enhance the benefits and reduce the risks in the digital world for young users up to the age of 18. In order to design a product age-appropriately, a variety of values are considered: among them, dignity, fairness, autonomy, sustainability, responsibility and inclusivity.

[Read more](#)

Linux Foundation and ETSI Further Collaborate to Drive Harmonization Across Open Source and Open Standards

The [Linux Foundation](#), the nonprofit organization focused on fostering innovation through open source, and ETSI, the independent organization providing global standards for ICT services across all sectors of industry, announced expanded collaboration. While the two organizations have been working together for years, [the 2019 formal Memorandum of Understanding \(MOU\)](#) recently has been updated and expanded.

The formal link between our communities encourages and enables collaboration across communications, promotion and events, as well as common initiatives spanning Multi-access Edge Computing (MEC), Network Function Virtualization (NFV) / Cloud-native Network Functions (CNF), Artificial Intelligence, Software Defined Networking, Autonomous Networks, and 5G/6G. Specific updates to the MoU include broader mapping of areas of interest to now include additional Linux Foundation project communities such as LF Networking's CNF initiatives, CAMARA, and Nephio, some of which were not yet created at the time of the initial MOU or its renewal. ETSI has also identified new areas of potential collaboration.

[Read more](#)

ETSI Releases World-First Report to Mitigate AI-Generated Deepfakes

ETSI has announced its new Group Report on Artificial Intelligence (AI) on the use of AI for what are commonly referred to as deepfakes. The Report [ETSI GR SAI 011](#), released by the Securing AI (ISG SAI) group, focuses on the use of AI for manipulating multimedia identity representations and illustrates the consequential risks, as well as the measures that can be taken to mitigate them.

[ETSI GR SAI 011](#) outlines many of the more immediate concerns raised by the rise of AI, particularly the use of AI-based techniques for automatically manipulating identity data represented in various media formats, such as audio, video, and text (deepfakes and, for example, AI-generated text software such as ChatGPT although, as always per ETSI guidelines, the Report does not address specific products or services). The Report describes the different technical approaches, and it also analyzes the threats posed by deepfakes in various attack scenarios. By analyzing the approaches used the [ETSI Report](#) aims to provide the basis for further technical and organizational measures to mitigate these threats, on top of discussing their effectiveness and limitations.

[Read more](#)



Green and Clean Technologies



cencenelec.eu

From Batteries to Plastics: How Standards help Reduce Transport's Environmental Impact

The standardization activities of CEN and CENELEC for the transport sector on interoperability and safety requirements are well known. But CEN and CENELEC are also very active in another key topic for the transport industry: the environmental impact and circularity of materials used for vehicles and transport infrastructure.

Manufacturing vehicles and designing transport infrastructures rely heavily on the use of materials and components that can have an important environmental impact: steel, plastics, aluminium, chemical and electronical components.

Consequently, existing regulations and policies set a series of requirements for vehicles manufacturers and transport infrastructure developers to shift towards design methods that take into consideration this impact and the way to mitigate it throughout all their lifecycle.

To support these efforts and help transport manufacturers and infrastructure developers, CEN and CENELEC work at various levels.

[Read more](#)

Digital Sovereignty: European Chips Act Enters into Force

The European Chips Act enters into force on 21 September 2023. It puts in place a comprehensive set of measures to ensure the EU's security of supply, resilience and technological leadership in semiconductor technologies and applications.

Semiconductors are the essential building blocks of digital and digitised products. From smartphones and cars, through critical applications and infrastructures for healthcare, energy, defence, communications and industrial automation, semiconductors are central to the modern digital economy. They are also at the centre of strong geostrategic interests and the global technological race.

Concretely the European Chips Act will strengthen manufacturing activities in the Union, stimulate the European design ecosystem, and support scale-up and innovation across the whole value chain. Through the European Chips Act, the European Union aims to reach its target to double its current global market share to 20% in 2030.

[Read more](#)



idsb.timgroup.com.tr

Sweden Takes The Lead in Showing Europe the Way Towards a Circular Economy

The new European Technical Committee [CEN/TC 473 'Circular Economy'](#) will provide an arena for discussions and actions forward in implementing new standards for increased circularity. "A true circular economy is not achieved in organizations or nations alone, but through collaborative action and trans-sectoral consensus building," says Laura Linnala, project manager at the [Swedish Institute for Standards, SIS](#).

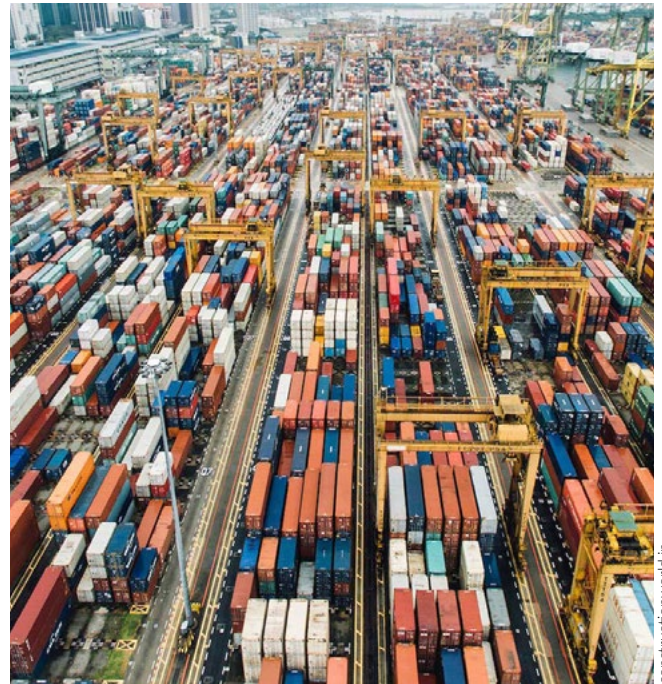
The shift to a circular economy requires standards that can guide Europe to using resources as efficiently as possible. The Swedish Institute for Standards, SIS, was recently tasked by CEN members to lead the new committee CEN/TC 473 Circular Economy.

[Read more](#)



EU/EFTA-India

G-20 Summit: India – Middle East – Europe Economic Corridor Announced



constructionworld.in

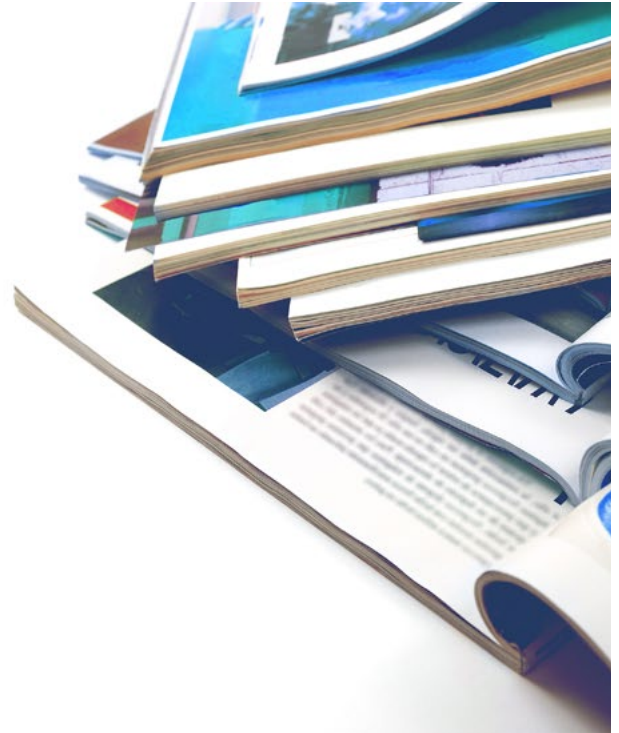
The India – Middle East – Europe Economic Corridor, launched during the sidelines of "G-20 leaders" summit. An agreement formalising this project was signed by the EU, the United States, India, Saudi Arabia and the United Arab Emirates (UAE). The Corridor will link the three regions through state-of-the-art connectivity infrastructure, helping to bring the economic relationship between them to a new level and providing improved access to goods, energy and data to citizens and businesses. In particular, the project will:

- Integrate railway lines and port connections from India to Europe, across UAE, Saudi Arabia, Jordan and Israel, leading to smoother and faster transit of goods;
- Develop energy infrastructure and enable the production and transport of green hydrogen to all partners;
- Strengthen telecommunications and data transfers thanks to a new undersea cable connecting the region.

[Read more](#)



Whitepapers/Publications



A new ECOS position paper on how to reduce our dependency on critical raw materials

ECOS, Deutsche Umwelthilfe, and RREUSE have published a joint position paper on a Critical Raw Materials Regulation. Critical raw materials are used in a growing array of products, including renewable energy technologies, electronic and electrical equipment, and batteries for electric vehicles.

[Read more](#)

New White Paper Explores ETSI TeraFlowSDN Alignment with TIP OOPT MUST Requirements

The White Paper analyzes the support in TeraFlowSDN of the essential requirements for SDN control of transport networks, as defined by the Telecom Infra Project's Open Optical & Packet Transport (OOPT) group.

[Read more](#)



Events Calendar 2023

TFS#3 Hackfest

When: 16-18 October 2023

Where: Castelldefels (Barcelona)

This Hackfest will be dedicated to the use of P4 in TeraFlowSDN, starting with an overview, followed by a gradual walkthrough of an end-to-end P4 based demo, then a more interactive session. [More information](#)

LTA Signature Augmentation and Validation Plugtests 2023

When: 23 October-24 November 2023 (Remote)

ETSI Centre for Testing and Interoperability (CTI) is organizing on behalf of TC ESI, ETSI's Technical Committee for Electronic Signatures and Infrastructures with the support of the European Commission (EC) and European Free Trade Association (EFTA), the LTA Signature Augmentation and Validation Plugtests 2023. [More information](#)

DKE Stakeholder Workshop Semiconductors

When: 13 November 2023 (online)

Kick-Off on development of a standardization roadmap on secure chips. [More Information](#)

10th UCAAT - User Conference on Advanced Automated Testing

When: 14-16 November 2023

Where: Timisoara, Romania

The UCAAT 2023 theme is focused on maximizing the benefits and outcomes of automated testing. The complexity of modern software and telecommunication systems is constantly increasing. [More information](#)

ETSI Security Conference 2023

When: 16-19 October 2023

Where: Sophia Antipolis, France

This exclusive F2F event provides an exceptional opportunity for the security community to come together to exchange with experts, network with peers, and share facts and opinions around the subject of cybersecurity standardization. [More information](#)

Register to the Standards+Innovation Awards 2023!

When: 26 October 2023

Where: Hybrid (Brussels / online)

To celebrate the fifth edition of the Standards+Innovation Awards, CEN and CENELEC will present their annual award ceremony as part of the stakeholder event "Making research results work for society", organised by the European Commission on 26 October 2023. [More information](#)

Road to Net Zero: Standards for an All-Electric Society

When: 5 December 2023 (online)

Electricity plays a key role to achieve climate neutrality and the Green Deal objectives. What does it mean for products and systems to generate, store, and use 100% carbon-free electricity and how can we absorb the consequences of this expansion? [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 cofunded 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 falling under Digitization and Clean & Green Technologies etc.

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