



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

I am happy to extend a very warm welcome to all of you to the 6th edition of SESEI Newsletter-India, for the month of August 2023. The FTA negotiations between

EU/EFTA and India are progressing well, the discussions are deep and comprehensive covering a broad range of areas. India will be hosting the G20 summit in September 2023, during which the bilateral trade topics are also expected to be discussed on the sidelines.

European Commission to ensure safety and security of consumers have proposed [Toy Safety Regulation](#) by revising the current rules to protect children from potential risks in toys. These regulations aim at reducing the high number of unsafe toys that are still being sold in the EU, especially online, and it will enhance the level playing field between toys manufactured in the EU and imported ones.

To further boost the 5G technologies in fixed network, ETSI has announced the completion of Release 2 specifications on Fifth Generation Fixed Network (F5G). The ETSI F5G group has introduced an array of additional features that bring fiber fixed networks to the next level.

ETSI has also announced the release of the Open Source MANO [FOURTEEN](#), bringing significant improvements in security, usability, platform management, infrastructure modelling and lifecycle management of network functions.

The European Commission has adopted the rules governing the implementation of the Carbon Border Adjustment Mechanism (CBAM) during its transitional phase, which starts on 1st October 2023 and runs until the end of 2025. In the CBAM's transitional phase, traders will only have to report on the emissions embedded in their imports subject to the mechanism without paying any financial adjustment/penalty.

The European Commission has also adopted the first set of sustainability reporting standards - [European Sustainability Reporting Standards](#) (ESRS) which marks another step forward in the transition to a sustainable EU economy.

The CEN Technical Committee 264 on 'Air quality' have published two new documents [EN 15267-1:2023](#) 'Air quality - Assessment of air quality monitoring equipment - Part 1: General principles of certification' and [EN 15267-2:2023](#) 'Air quality - Assessment of air quality monitoring equipment - Part 2:

Apart from the latest updates and news on standards and policy initiatives, we urge you to read the newsletter which also carries information on the latest White Papers, and 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



Generic/Standards/IPR



Digitization



Commission Steps Up Protection of Children from Unsafe Toys

The Commission proposed a [Toy Safety Regulation](#) revising the current rules to protect children from potential risks in toys. Toys put on the EU market are already among the safest ones in the world. The proposed rules will further improve this protection, in particular from harmful chemicals. They also aim at reducing the high number of unsafe toys that are still sold in the EU, especially online, increasing the level playing field between toys manufactured in the EU and imported ones. At the same time, they will continue to ensure the free movement of toys within the Single Market.

Building on the existing rules, this proposal updates the safety requirements that toys must meet to be marketed in the EU, whether they are manufactured in the EU or elsewhere.

[Read more](#)

ETSI Open-Source MANO Release FOURTEEN is Out!

The ETSI Open Source MANO community has announced [OSM Release FOURTEEN](#). Release FOURTEEN is a Long-Term-Support (LTS) release of ETSI OSM, providing two years of continuous support with bug fixes and security patches, and including significant improvements in many key areas.

This release offers a new scalable architecture for service assurance based on Apache Airflow and Prometheus and includes closed loops for auto-scaling and the handling of alerts coming from the Network Functions. In addition, the new architecture enables scheduled monitoring and service-assurance workflows, as well as alarm-based on-demand workflows. This capability will be key to supporting new telco cloud use cases in future Releases.

[Read more](#)



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ETSI and TCCA Statement to TETRA Security Algorithms Research Findings Publication

The European Telecommunications Standards Institute (ETSI) and The Critical Communications Association (TCCA) are the proud authorities and custodians of the ETSI TETRA (Terrestrial Trunked Radio) technology standard, one of the world's most secure and reliable radio communications standards.

ETSI has an ongoing programme of maintenance to ensure standards remain fit for purpose in an evolving security landscape. Work on enhancing the TETRA standard was in progress before the researchers discussed their findings with ETSI. Revised standards were released in [October 2022](#). As with all technology standards, work continues to support the standards implementation in the market.

The TETRA security standards have been specified together with national security agencies and are designed for and subject to export control regulations which determine the strength of the encryption. These regulations apply to all available encryption technologies. As the designer of the TETRA security algorithms, ETSI does not consider that this constitutes a "backdoor".

[Read more](#)

ETSI Reaches F5G Release 2 Milestone, Boosting Fixed Networks

ETSI is pleased to announce the completion of its Release 2 specifications on Fifth Generation Fixed Network (F5G). Building upon the accomplishments of Release 1, the ETSI F5G group has introduced an array of additional features that bring fiber fixed networks into the next level.

Release 2 is based on an updated set of 32 Use Cases, identified in the Group Report, [ETSI GR F5G 008](#). The Use Cases span a diverse spectrum, comprising XR based virtual presence, home broadband connectivity to multiple clouds, virtual music, next generation digital twins, or AI-driven PON optical path diagnoses. This comprehensive set of Use Cases has been further analysed with requirements and gaps identified in the specification titled Technology Landscape and Gap Analyses, Release 2, [ETSI GS F5G 013](#).

To support these new requirements, an evolved network architecture has been specified in Network Architecture, Release 2 [ETSI GS F5G 014](#). It further enhances F5G network services, such as Fibre-to-the-Room (FTTR) and industrial PON, creating a framework for the delivery of advanced, high-bandwidth, and high-quality services. FTTR improves the user experience, enabling virtual reality applications in every corner of your home. Industrial PON will turn manufacturing plants into a green, digitalized environment.

[Read more](#)



Green and Clean Technologies



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Commission Adopts Detailed Reporting Rules for the Carbon Border Adjustment Mechanism's Transitional Phase

The European Commission adopted the rules governing the implementation of the Carbon Border Adjustment Mechanism (CBAM) during its transitional phase, which starts on 1 October 2023 and runs until the end of 2025.

The [Implementing Regulation](#) details the transitional reporting obligations for EU importers of CBAM goods, as well as the transitional methodology for calculating embedded emissions released during the production process of CBAM goods.

In the CBAM's transitional phase, traders will only have to report on the emissions embedded in their imports subject to the mechanism without paying any financial adjustment. This will give adequate time for businesses to prepare in a predictable manner, while also allowing for the definitive methodology to be fine-tuned by 2026.

[Read more](#)

European Commission Adopted the First Set of Sustainability Reporting Standards

On 31 July 2023, the European Commission [adopted the Delegated Act on the first set of European Sustainability Reporting Standards](#) (ESRS) for use by all companies subject to the Corporate Sustainability Reporting Directive (CSRD). This marks another step forward in the transition to a sustainable EU economy.

The standards cover the full range of environmental, social, and governance issues, including climate change, biodiversity and human rights. They provide information for investors to understand the sustainability impact of the companies in which they invest. They also take account of discussions with the [International Sustainability Standards Board \(ISSB\)](#) and the [Global Reporting Initiative \(GRI\)](#) in order to ensure a very high degree of interoperability between EU and global standards and to prevent unnecessary double reporting by companies.

[Read more](#)

New EN 17680 Supports the Sustainable Refurbishment of Buildings

The refurbishment of buildings is the process of renovating, updating, or restoring an existing building to improve its condition. It is crucial not only for environmental considerations, but also for a variety of other reasons, ranging from saving costs to preserving cultural heritage and to enhancing safety.

In recent years, the European Union has put forth several policies and initiatives such as [Renovation Wave Strategy](#), the [Circular Economy Action Plan](#), and the soon-to-be-updated [Energy Performance of Buildings Directive](#) etc. for promoting the refurbishment of buildings to achieve energy efficiency, sustainability, and economic benefits.

The recently published [EN 17680:2023](#) 'Sustainability of construction works - Evaluation of the potential for sustainable refurbishment of buildings' supports the strategic decision process on how to refurbish existing buildings in a sustainable way, taking into consideration that not all buildings should be refurbished if the existing conditions of a building do not permit it.

[Read more](#)

CEN/TC 264 Publishes 2 New Standards on Air Quality

In July 2023, the CEN Technical Committee 264 'Air quality' published the two new documents [EN 15267-1:2023](#) 'Air quality - Assessment of air quality monitoring equipment - Part 1: General principles of certification' and [EN 15267-2:2023](#) 'Air quality - Assessment of air quality monitoring equipment - Part 2: Initial assessment of the manufacturer's quality management system and post certification surveillance for the manufacturing process' to improve measurement of air pollutants and support environmental protection.

[Read more](#)

EU/EFTA-India

EFTA and India Make Strides Towards a Comprehensive Trade and Economic Partnership Agreement

Representatives from the EFTA States (Iceland, Liechtenstein, Norway, and Switzerland) and India gathered in New Delhi from 17 to 19 August 2023 to advance negotiations aimed at a mutually beneficial Trade and Economic Partnership Agreement (TEPA).

Ambassador Markus Schlagenhof, Delegate of the Federal Council for Trade Agreements and head of the World Trade Division at the Swiss State Secretariat for Economic Affairs, acted as the EFTA spokesperson, while L. Satya Srinivas, Additional Secretary, Department of Commerce, led the Indian delegation.

[Read more](#)

'FTA Negotiations are Proceeding at a Good Pace': EU Top Trade Official During EU-India Dialogue on Trade and Investment

Chairing the EU-India High-Level Dialogue on Trade and Investment together with Union Commerce Minister Piyush Goyal in the national capital on August 26, EU Executive Vice-President and Commissioner for Trade, Valdis Dombrovskis showed satisfaction at the pace of talks for FTA between India and EU.

European Commission Executive Vice President, Valdis Dombrovskis said, "Well, negotiations are proceeding at a good pace. We already had five rounds of negotiations. We recently exchanged the first market access offers with each other... So on the EU side, we are typically working on what we call deep and comprehensive free trade agreements covering a broad range of areas, including for example, sustainability, ensuring that our trade does not lead to environmental degradation or reduction of labour standards or other negative externalities"

[Read more](#)



Events Calendar 2023

8th MCX PLUGTESTS

When: 9-13 October 2023

Where: Malaga, Spain

ETSI, with the support of the European Commission (EC), the European Free Trade Association (EFTA), the Critical Communications Association (TCCA), the European Utilities Telecom Council (EUTC) and the Union Internationale des Chemins de fer (UIC), is organizing the eighth MCX Plugtests. This Plugtests will be hosted by the University of Malaga, Spain, from 9 to 13 October 2023. [More information](#)

TFS#3 Hackfest

When: 16-17 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](#)

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](#)

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](#)

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](#)



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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