



# 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

**JULY 2023**  
**ISSUE 05**

## IN THIS ISSUE

### Generic/Standards/IPR

- Riccardo Lama elected next CENELEC President

### Digitization

- Commission Adopts New Rules to Ensure Stronger Enforcement of the GDPR in Cross-Border Cases
- ETSI Releases Three Reports on Securing Artificial Intelligence
- Member States Step up Efforts in Value-Based and Interoperable Digital Government
- ETSI Launches First Software Development Group "OpenSlice"
- Commission Welcomes Political Agreement On Rules for a Fair and Innovative Data Economy
- ETSI IoT Conference: Standards are Key to Achieving Green and Digital Transformation
- Commission Presents EU Strategy to Lead on Web 4.0 and Virtual Worlds

### Green and Clean Technologies

- CEN-CENELEC Published New Standard 'Energy Performance Contracts-Minimum Requirements'
- Circular Economy: Improving Design and End-Of-Life Management of Cars
- Circular Economy: Taking Responsibility to Reduce, Reuse and Recycle Textile Waste
- Greening Freight for More Economic Gain with Less Environmental Impact

### EU/EFTA-India

### Whitepapers/Publications

### Events Calendar 2023

### About Project

## Greeting from SESEI!



Dear Reader's

We are pleased to bring to you the 5th Edition of the SESEI Newsletter- India for the month of July 2023. This Newsletter provides the latest updates and

news around Standards from the European Standardization Bodies and the policy initiatives as announced by the European Commission.

In the recent visit of the Indian Prime Minister to France, both India and France have committed to further deepening their cooperation in the areas such as digital public infrastructure, cybersecurity, Startup, AI, supercomputing, 5G/6G telecom and digital skills development etc.

The Commission has adopted a new strategy on Web 4.0 and virtual worlds to steer the next technological transition and ensure an open, secure, trustworthy, fair and inclusive digital environment for EU citizens, businesses and public administrations.

As Data Protection is an essential component of Digitization, the European Commission has proposed new rules to ensure stronger enforcement of GDPR in cross-border cases. The Commission has also welcomed [European Data Act](#), proposed by the Commission in February 2022, which will boost the EU's data economy by unlocking industrial data, optimizing its accessibility and use, and fostering a competitive and reliable European cloud market.

In the technological advancement, ETSI has established its first Software Development Group, called Open Slice. Open Slice is creating an open-source, service-based Operations Support System (OSS) to deliver

Network Slice as a Service (NSaaS) in alignment with specifications from leading SDOs, including 3GPP, TM Forum, and GSMA. ETSI's Securing AI group (ISG SAI) has also published three new Reports to address explicability and transparency of AI processing and provide an AI computing platform security framework.

In the Clean and Green Technologies, European Commission has initiated many new measures in various sectors and Industries. The measures proposed in the automotive sector will enhance the circularity of the automotive sector, covering the design, production, and end-of-life treatment of vehicles. Similarly, in the textile Industry Commission has proposed rules to make producers responsible for the full lifecycle of textile products and to support the sustainable management of textile waste across the EU.

The CEN-CENELEC (JTC) 14 has published a new standard in the framework of energy transition' and announced the publication of the new standard EN 17669:2022 'Energy Performance Contracts-Minimum requirements'.

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



### Riccardo Lama elected next CENELEC President

Riccardo Lama was elected for a three-year mandate (2025-2027) during the CENELEC General Assembly, which was held in Belgrade, Serbia, on 22 June. His mandate as President-Elect is officially due to start on the 1st of January 2024. During this time, Mr Lama will work side by side with the current CENELEC President, Wolfgang Niedziella, and the whole CENELEC team, before the official handover in January 2025. This process is foreseen to ensure continuity in the transition, in a key moment for the evolution of the European Standardization System.

[Read more](#)



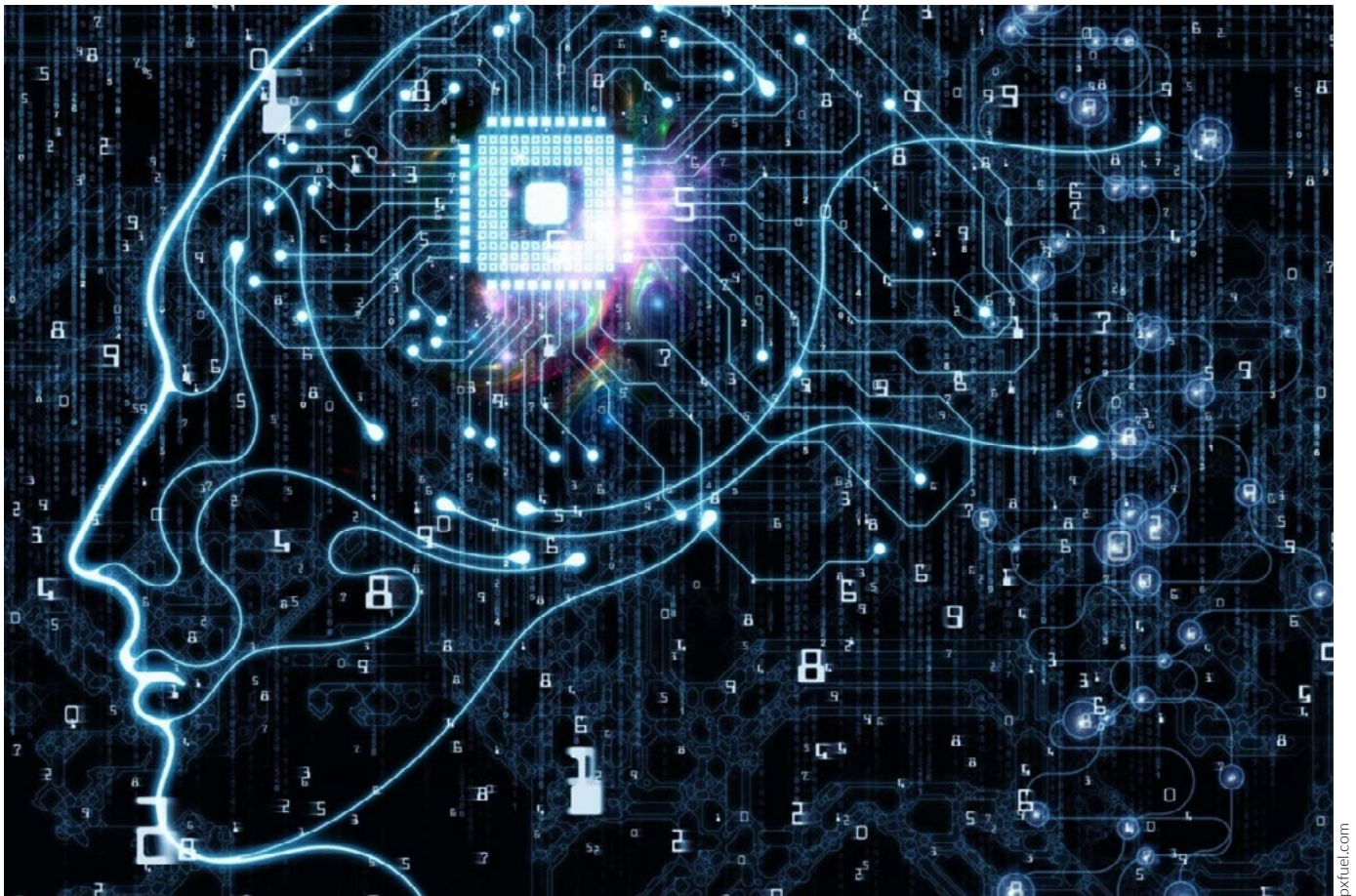
### Data Protection: Commission Adopts New Rules to Ensure Stronger Enforcement of the GDPR in Cross-Border Cases

The Commission proposes a new law to streamline cooperation between data protection authorities (DPAs) when enforcing the General Data Protection Regulation in cross-border cases. The new regulation will set up concrete procedural rules for the authorities when applying the GDPR in cases which affect individuals located in more than one Member State.

For individuals, the new rules will clarify what they need to submit when making a complaint and ensure that they are appropriately involved in the process. For businesses, the new rules will clarify their due process rights when a DPA investigates a potential breach of the GDPR. The rules will therefore bring swifter resolution of cases, meaning quicker remedies for individuals and more legal certainty for businesses. For data protection authorities, the new rules will smoothen cooperation and enhance efficiency of enforcement.

[Read more](#)





## ETSI Releases Three Reports on Securing Artificial Intelligence for a Secure, Transparent and Explicable AI System

ETSI's Securing AI group (ISG SAI) has published three new Reports to address explicability and transparency of AI processing and provide an AI computing platform security framework.

[ETSI GR SAI 007](#) on explicability and transparency of AI processing identifies steps to be taken by designers and implementers of AI platforms to give them assurance of the explicability and transparency of AI processing. The Report addresses both static and dynamic forms in order to allow designers to be able to "show their working" (explicability) and to be "open to examination" (transparency).

[ETSI GR SAI 009](#) provides an Artificial Intelligence computing platform security framework. The report describes a security framework of AI computing platform containing hardware and basic software to protect valuable assets like models and data deployed

on AI computing platform when they are used in runtime or stored at rest.

[ETSI GR SAI 013](#) is a Proof of Concepts framework, providing information about the "lightweight" framework to be used by ETSI ISG SAI to create multi-partner Proofs of Concepts (PoCs).

[Read more](#)

## Digital Public Services: Member States Step up Efforts in Value-Based and Interoperable Digital Government

The [second progress report on implementing the Berlin Declaration](#) was released on 17th July 2023. Signed in December 2020, the [Berlin Declaration](#) puts fundamental rights and democratic values at the heart of the digital transformation in Europe. The [report on value-based digital government shows that member states are improving](#) digital literacy and in introducing innovative technologies in their public services. However, they need to work more on social participation

and digital inclusion, as well as on trust and security in digital services.

Fair, inclusive, open and trusted digital public services are major drivers for successfully digitising European society and economy. According to the report, digital and interoperable public services are instrumental for the EU to stay resilient, competitive and innovative.

The EU member states collectively spend over €48 billion using instruments to digitalise and transform public services and administrations.

[Read more](#)

## ETSI Launches First Software Development Group “OpenSlice”

ETSI announced the establishment of its first Software Development Group, called OpenSlice. With this group, ETSI positions itself as a focal point for development and experimentation with network slicing. OpenSlice is creating an open-source, service-based Operations Support System (OSS) to deliver Network Slice as a Service (NSaaS) in alignment with specifications from leading Standards Development Organizations, including 3GPP, TM Forum, and GSMA.

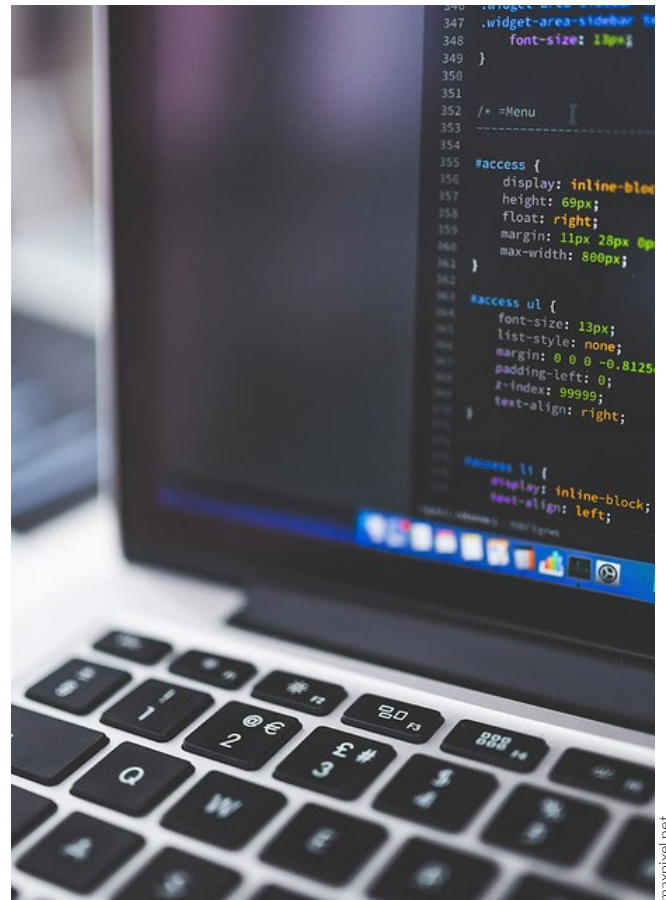
As part of ETSI's broader efforts in Future Networks, OpenSlice joins forces with Open Source MANO and TeraFlowSDN to enrich the suite of ETSI open source components. This comprehensive framework designed to facilitate experimentation, proofs-of-concept, integration, and testing, delivers valuable early and regular feedback to the standardization process.

ETSI OpenSlice is developed using ETSI Zero touch Service and Network Management (ETSI ZSM) principles, implementing the ETSI NFV data model and APIs. ETSI OpenSlice builds upon code seeds developed by European Research.

[Read more](#)

## Data Act: Commission Welcomes Political Agreement On Rules for a Fair and Innovative Data Economy

The Commission welcomes the political agreement reached between the European Parliament and the Council of the EU, on the European Data Act, proposed by the Commission in February 2022.



maxpixel.net

Today, the Internet of Things (IoT) revolution fuels exponential growth with projected data volume set to skyrocket in the coming years. A significant amount of industrial data remains unused and brimming with unrealised possibilities.

The Data Act aims to boost the EU's data economy by unlocking industrial data, optimising its accessibility and use, and fostering a competitive and reliable European cloud market. It seeks to ensure that the benefits of the digital revolution are shared by everyone.

[Read more](#)

## ETSI IoT Conference: Standards are Key to Achieving Green and Digital Transformation

The new edition of the ETSI IoT Conference, IoT Technologies for Green and Digital Transformation, ended on 6 July, 2023 highlighting through use cases and demonstrations how IoT standards can be real enablers in achieving the green and digital transformation.





pixabay.com

The conference walked through the enabling technologies that are at the heart of the digital and green transformation and their maturity with respect to the standard offers. Semantic interoperability, SAREF (the Smart Applications REFERENCE), a standard process to share and unify ontologies, multi access edge computing, cybersecurity, environmental engineering and IoT data interoperability (via oneM2M standard) are just examples of the extensive support that standards provide to IoT. AI and regulatory impacts and opportunities were also discussed in relation to the standards, in particular to Cybersecurity standards and the well-known ETSI EN 303645 as a tool to test IoT cybersecurity. The programme is available [here](#) and the very stimulating presentations from our 54 international speakers are [available here](#).

## Towards the Next Technological Transition: Commission Presents EU Strategy to Lead on Web 4.0 and Virtual Worlds

The Commission has adopted a new strategy on Web 4.0 and virtual worlds to steer the next technological transition and ensure an open, secure, trustworthy, fair and inclusive digital environment for EU citizens, businesses and public administrations.

The internet is evolving at an extremely fast pace. Beyond the currently developing third generation of the internet, Web 3.0, whose main features are openness, decentralisation, and user full empowerment, the next generation, Web 4.0, will allow an integration between digital and real objects and environments, and enhanced interactions between humans and machines.

The strategy is in line with the 2030 objectives of the [Digital Decade policy programme](#) and three of its key pillars of digitalisation: skills, business and public services. The fourth pillar, infrastructures, is addressed by the [Commission's connectivity package](#) and its broader efforts on computing, cloud and edge capacities.

[Read more](#)






## Green and Clean Technologies



cenelec.eu

### CEN-CENELEC JTC 14 Published New Standard EN 17669:2022 'Energy Performance Contracts-Minimum Requirements'

The **CEN and CENELEC Joint Technical Committee 14** 'Energy management and energy efficiency in the framework of energy transition' announced the publication of the new standard **EN 17669:2022** 'Energy Performance Contracts-Minimum requirements' developed by their **Working Group 4** 'Energy financial aspects'.

The new standard **EN 17669:2022** is to define the minimum requirements of an Energy Performance Contract between the beneficiary and the provider of an energy efficiency measure that delivers a contractually agreed level of energy efficiency improvement and other agreed energy performance criterion and meet the requirements of: - cost effectiveness in relation to the benefits generated by the energy efficiency measure (appropriateness of the EPC); - risk mitigation and risk allocation toolkit; - Eurostat and IASB requirements for statistical treatment and financial accounting; - due diligence and underwriting procedures of financial institutions and assets evaluators.

[Read more](#)

### Circular Economy: Improving Design and End-Of-Life Management of Cars for More Resource-Efficient Automotive Sector

The Commission has proposed measures to enhance the circularity of the automotive sector, covering the design, production and end-of-life treatment of vehicles. This initiative will improve access to resources for the EU's economy, contribute to the EU's environmental and climate objectives, while reinforcing the single market and contributing to address the challenges associated with the ongoing transformation of the automotive industry.

The proposed regulation, replacing the current Directives on [end-of-life vehicles](#) and on [reusability, recyclability and recoverability](#), is expected to have substantial environmental benefits, including an annual reduction of 12.3 million tons of CO2 emissions by 2035, better valorisation of 5.4 million tons of materials, and increased recovery of critical raw materials. The implementation of the regulation will lead to long-term energy savings at the manufacturing stage, reduced dependency on imported raw materials, and the promotion of sustainable and circular business models.

[Read more](#)




ec.europa.eu

### Circular Economy for Textiles: Taking Responsibility to Reduce, Reuse and Recycle Textile Waste and Boosting Markets For Used Textiles

The Commission proposed rules to make producers responsible for the full lifecycle of textile products and to support the sustainable management of textile waste across the EU. This initiative will accelerate the development of the separate collection, sorting, reuse and recycling sector for textiles in the EU, in line with the [EU Strategy for Sustainable and Circular Textiles](#).

The Commission proposed to introduce mandatory and harmonised Extended Producer Responsibility (EPR) schemes for textiles in all EU Member States. EPR schemes have been successful in improving the management of waste from several products, such as packaging, batteries and electric and electronic equipment. Producers will cover the costs of management of textile waste, which will also give them incentives to reduce waste and increase the circularity of textile products – designing better products from the start. How much producers will pay to the EPR scheme will be adjusted based on the environmental performance of textiles, a principle known as ‘eco-modulation’.

[Read more](#)

### Green Deal: Greening Freight for More Economic Gain with Less Environmental Impact

The Commission has proposed measures to make freight transport more efficient and more sustainable, by improving rail infrastructure management, offering stronger incentives for low-emission lorries, and better information on freight transport greenhouse gas emissions. The aim is to increase efficiency within the sector, helping it to contribute to the target of cutting transport emissions by 90% by 2050, as set out in the European Green Deal, while allowing the EU single market to continue growing.

For rail transport, the Commission proposes a regulation to better respond to the different needs of the rail sector: stable timetables and early booking of tickets for passenger services, and flexible train runs adapted to “just-in-time supply chains” for freight shippers.

Whilst in road freight, the EU’s executive body proposes to revise the current Weights and Dimensions Directive, which sets the maximum weight length, width and height for heavy-duty vehicles, to enable additional weight for vehicles using zero-emission technologies.

[Read more](#)





## EU/EFTA-India

### [EFTA and India Pursue Negotiations on a Trade and Economic Partnership Agreement](#)

Following the clear political indications that have emerged in recent months through three Ministerial meetings, delegations from the EFTA States (Iceland, Liechtenstein, Norway, and Switzerland) and India convened in New Delhi from 3 to 6 July 2023 to advance negotiations on a comprehensive 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.

Delegations continued their collaborative efforts at head and expert levels. The discussions primarily centred around the areas of trade in goods, trade in services, rules of origin, intellectual property rights (IPR), and trade and sustainable development.

On the fringes of the negotiations, H.E. Shri Piyush Goyal, Minister of Textiles, Commerce and Industry of India and the EFTA spokesperson met to carve the way forward for the coming months, reinforcing the significance of high-level political involvement in this process.

[Read more](#)

### [India, France Commit to Further Deepening Cooperation in Digital Public Infrastructure, Cybersecurity, Startup, AI](#)

India, France have committed to further deepening their cooperation in areas such as digital public infrastructure, cybersecurity, Start up, AI, supercomputing, 5G/6G telecom and digital skills development. The two countries have recognised the rapid advancement and transformation in digital technologies and have agreed to harness their respective strengths and philosophical convergence in their approaches to digitalisation,



according to the India-France joint statement after the delegation-level talks between Prime Minister Narendra Modi and French President Emmanuel Macron.

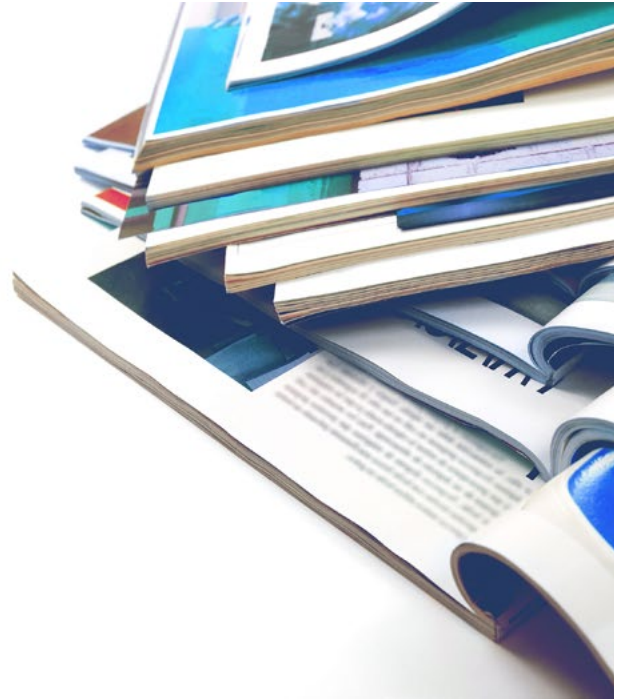
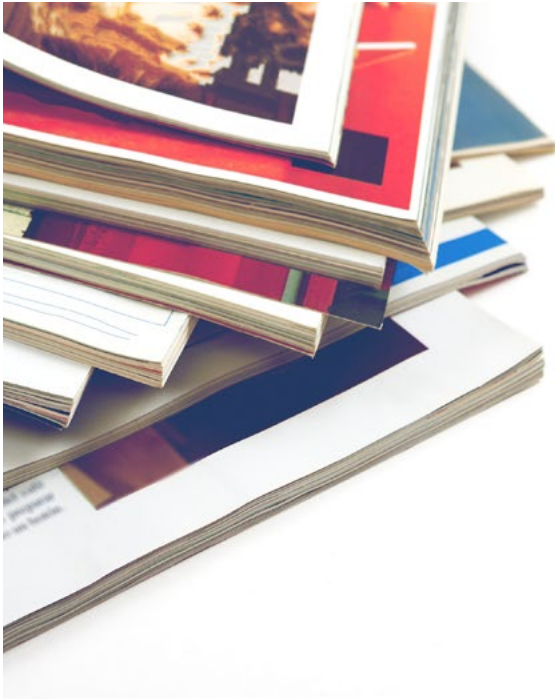
India, France have, in line with the Indo-French Road map on Cyber security and Digital Technology, reaffirmed their commitment to join forces of their cyber-security agencies and related ecosystem partners in promoting a peaceful, secure and open cyberspace. The two countries have recognised the far reaching potential of startups in driving innovation, job creation, and economic growth, both countries emphasize upon their shared commitment to facilitate bilateral cooperation through enhanced connectivity between their respective Start up and entrepreneurial networks, according to India-France bilateral document "[Horizon 2047: 25th Anniversary of the India-France Strategic Partnership, Towards A Century of India-France Relations](#)".

[Read more](#)





## Whitepapers/Publications



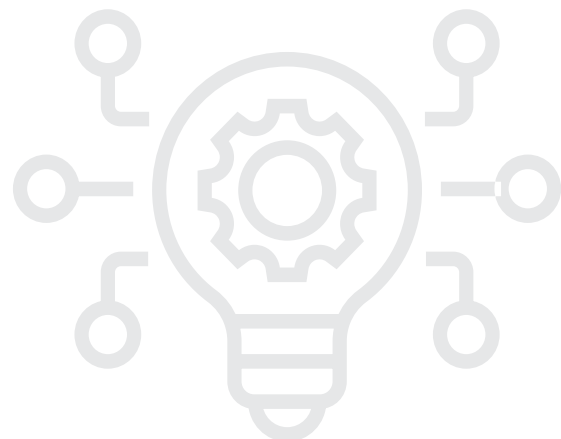
### Whitepaper on “Worldwide Analysis and Proposals to Promote and Facilitate the Wireless Transport Network as the key enabler for Fast Mobile Backhaul Network Modernization

ETSI whitepaper investigates the reasons that, in some parts of the world, prevent or make wireless backhauling systems (WBH) solutions inadequate to support the new generation 4/5G networks, thus identifying the guidelines that should be followed to ensure that the WBH solution is a valid complement to the fiber in the mobile transport network, especially in suburban/rural areas.

[Read more](#)

### Ensuring a harmonised AI and ICT Professionalism standardization: read the new CEN White Paper

[CEN/TC 428 "ICT Professionalism and Digital Competences"](#) has released a White Paper on how standards on ICT professionalism can support European AI policies to embed ICT professional competence within the development of AI systems.

[Read more](#)



## Events Calendar 2023

---

### 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](#)

### 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](#)

### 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](#)

### VDE panel discussion on Digital Trust: the new frontier in the age of AI

---

*When: 4-6 September*

VDE Politics and EUREL will host a three-day event in Brussels for the VDE Summer Reception 2023, within the European Future Technology Summit 2023 – EFTS 2023. The event includes a high-level panel discussion on 5 September. [Read more](#)





## 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](http://www.ec.europa.eu)) and the European Free Trade Association (<http://www.efta.int/>). It is a Standardization focused project, with a priority emphasis on the sectors falling under Digitization and Clean & Green Technologies 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](mailto:dinesh.chand.sharma@sesei.eu)

[www.sesei.eu](http://www.sesei.eu)



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



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



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



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



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