



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

APRIL 2023
ISSUE 02

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Greeting from SESEI!



Dear Reader's

A warm welcome to all our readers to the SESEI Newsletter - India for the month of April 2023. Key highlight during the month is "bilateral meetings between India and EFTA" and "India and France related to the ongoing talks for a free trade agreement". These meetings were led by the Indian Minister of Commerce & Industry with the intention to exchange views on the state of play of their negotiations and explore ways to advance the talks.

As expressed in our previous Newsletter, the key areas of focus for this phase of the Project SESEI are "Digitization" and "Clean & Green technologies". These topics are extremely relevant for both India and Europe and due focus is laid down by the government to achieve the set goals, sharing of best practices, exchange of information and update on the key activities in these domains, which will benefit the stakeholders at both the sides. The similarities between India and Europe can be observed from the various news and updates that we are sharing with you through this Newsletter.

Cyber Security is an important area of focus for the European Commission and EU is committed to ensuring that all European citizens and businesses are well protected, both online and offline while promoting an open, secure, and stable cyberspace. The Commission has adopted a proposal for the **EU Cyber Solidarity Act** to strengthen cybersecurity capacities in the EU. With

the advent of the **Quantum Technologies** all across the globe, the ETSI's **Quantum Key Distribution Industry Specification Group (ISG)** released a **Protection Profile (PP) for the security evaluation of quantum key distribution (QKD) modules**, [ETSI GS QKD 016](#). CEN and CENELEC celebrated [World Health Day](#) commemorating 75 years since the establishment of the World Health Organisation (WHO) and the power of harmonised standards for healthier EU.

Chips are central to the modern digital economy and are the essential building blocks of digital and digitized products from smartphones to cars, critical applications and infrastructures for healthcare, communications, European Commission has proposed its "**European Chips Act**", which strengthens European competitiveness and resilience in this strategic sector.

Both EU and India are also working towards, massive scaling-up, speeding-up of **renewable energy** across power generation. To reinforce the **EU Renewable Energy Directive** the EU has agreed on stronger legislation to accelerate the rollout of renewable energy.

We hope you find the newsletter beneficial, enjoy reading it and do provide feedback if any.

Warm regards,

Dinesh Chand Sharma

Director Standards & Public Policy

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Standardisation
Expert in India
Enabling Europe-India Cooperation on Standards



Generic/Standards



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Intellectual property: Harmonised EU Patent Rules Boost Innovation, Investment and Competitiveness in the Single Market

The European Commission has proposed new rules to help companies, especially small and medium-sized companies (SMEs), make the most of their inventions, leverage new technologies and contribute to the EU's competitiveness and technological sovereignty.

The proposed Regulations on standard essential patents, compulsory licensing of patents in crisis situations, and the revision of the legislation on supplementary protection certificates will create a more transparent, effective, and futureproof intellectual property rights framework.

Intangible assets like brands, designs, patents, and data are increasingly important in today's knowledge economy. Intellectual property (IP) is a key driver for economic growth as it helps companies gain value from their intangible assets. IP-intensive industries account for almost half of all GDP and over 90% of all EU exports. In the period 2017–2019, nearly 76% of intra-EU trade was generated by patent-intensive industries.

Today's proposals will complement the Unitary Patent system, which will be operational as of 1 June. Their respective starting points are existing provisions and principles of international and EU IP law, but they each aim to make the patents system more effective by further eliminating Single Market fragmentation, reducing red tape, and enhancing efficiency. This solid patent framework will empower economic operators and competent authorities to better protect innovation while ensuring fair access, including during emergency situations.

[Read more](#)

Launch of The European Standardization Panel Survey: CEN-CENELEC welcome the initiative!

To gain a better understanding of industry's needs for standardization deriving from Research & Innovation, the European Commission is planning to launch the first edition of a [European Standardization Panel Survey](#). This survey will complement the recently adopted [Code of Practice on standardization in the European Research Area](#), offering evidence-based results on the role of standardization in support of innovation policies.

CEN and CENELEC welcome this initiative and look forward to supporting the launch of the survey, in line with the commitment to strengthen the links between standards and innovation as promoted by our joint [Strategy 2030](#).

[Read more](#)

The Power of Standards for a healthier EU

On 7 April, CEN and CENELEC celebrated [World Health Day](#), commemorated 75 years since the establishment of the World Health Organisation. Many CEN and CENELEC technical committees work on a variety of healthcare areas, from [CLC/TC 62](#) on electrical equipment in medical practice to [CEN/TC 140](#) on in-vitro diagnostic medical devices. Harmonised standards have also been used to support important healthcare regulations in the Single Market, such as the Regulation 2017/745 on Medical Devices and the Regulation 2017/746 on In-Vitro Diagnostic Medical Devices.

[Read more](#)

European Commission's new Code of Practice on standardization for researchers

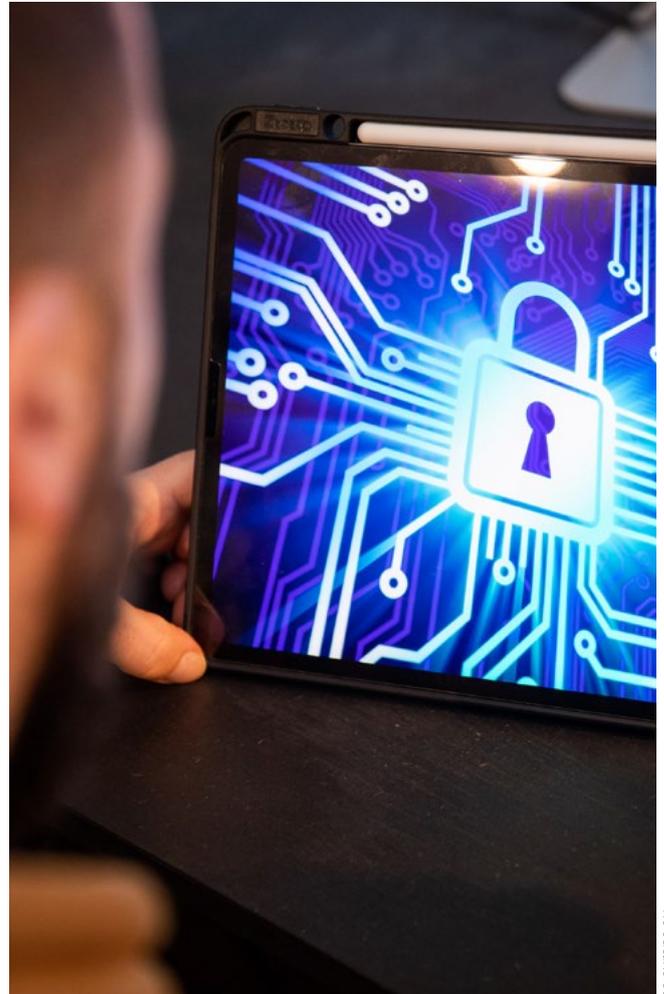
On 1st March, the European Commission (EC) published a new [Code of Practice on standardization for researchers](#). The Code provides a set of recommendations to beneficiaries of public-funded research and innovation programmes on how to valorise project results through standardization. The recommendations also target universities and public research organizations, policymakers, and standard development organizations (SDOs).

The Code builds on the findings of a scoping study that identified elements of good practice for researchers dealing with standardization in the context of research projects funded by Horizon 2020. Several research projects nominated to [CEN-CENELEC's Standards + Innovation Awards](#) were consulted for the development of the Code of Practice.

[Read more](#)



Digitization



ec.europa.eu

European Commission Adopts a Proposal for the EU Cyber Solidarity Act

On the 18 April 2023, the European Commission proposed the EU Cyber Solidarity Act, to improve the preparedness, detection, and response to cybersecurity incidents across the EU. The EU Cyber Solidarity Act aims to strengthen capacities in the EU to detect, prepare for and respond to significant and large-scale cybersecurity threats and attacks. The proposal includes a European Cybersecurity Shield, made of Security Operation Centres interconnected across the EU, and a comprehensive Cybersecurity Emergency Mechanism to improve the EU's cyber posture.

[Read more](#)

ETSI Releases World's First Protection Profile for Quantum Key Distribution

ETSI has just released a Protection Profile (PP) for the security evaluation of quantum key distribution (QKD) modules, [ETSI GS QKD 016](#). This Protection Profile is a first and anticipates the need for quantum safe cryptography. The ETSI specification will help manufacturers to submit pairs of QKD modules for evaluation under a security certification process.

Such modules can be used by telecom operators and enterprises in securing their networks with the knowledge that certified products have been subjected to the scrutiny of a formal security evaluation process. The Protection Profile specifies high-level requirements for the physical implementation of prepare and measure QKD protocols through to the output of final secret keys.

Quantum Key Distribution is a quantum-safe security technique to generate shared random secret keys by using the quantum properties of optical signals. Attempts to measure these signals in transit are detectable, and a QKD protocol can take these into account to ensure - in a quantifiable manner - that only secure keys are delivered.

[Read more](#)

European Commission Calls for Massive Boost in Enabling Digital Education and Providing Digital Skills

The European Commission adopted two proposals for a Council Recommendation in the context of the [European Year of Skills](#), with the aim to support Member States and the education and training sector in providing high-quality, inclusive and accessible digital education and training to develop the digital skills of European citizens.

The proposals address the two main common challenges jointly identified by the Commission and EU Member States: 1) the lack of a whole-of-government approach to digital education and training, and 2) difficulties in equipping people with the necessary digital skills.

[Read more](#)

New ETSI Standard enables next generation Emergency Services Communications

Today, most emergency services can only receive voice telephone calls. With all communication means that citizens now use in their daily life, they expect to use them as well to reach emergency services. To help achieve this goal, ETSI has just released a revised version of the specification [ETSI TS 103 479](#). Developed by the technical committee EMTEL (emergency communications), this specification defines next generation core services (NGCS).

Another main technical addition of [ETSI TS 103 479](#) includes a mechanism to update location data directly from the terminal even during an active emergency communication. It allows the routing to the correct emergency control centre based on the location information. This mechanism makes it also possible to manage roaming situations, for instance when you are abroad but connected remotely to your originating service provider (OSP). The latter applies in particular to VoIP or APP service providers.

The [ETSI specification](#) enables a standard-compliant integration of different networks with the next generation core services of an ESN. As the use of mobile communications is constantly increasing, compatibility with 3GPP VoLTE is especially important and allows the use of native communication functions of mobile devices in emergency situations.

[Read more](#)

European Commission welcomes political agreement on the European Chips Act

The Commission welcomes the political agreement reached between the European Parliament and the EU Member States on the [European Chips Act](#), proposed by the Commission on 8 February 2022, including on the budget. Semiconductors are at the centre of strong geostrategic interests, and of the global technological race. For this reason, the Commission proposed the European Chips Act, which strengthens European competitiveness and resilience in this strategic sector.

[Read more](#)



Green & Clean Technologies

European Green Deal: EU Agrees Stronger Legislation to Accelerate the Rollout of Renewable Energy

The Commission welcomes the provisional agreement reached today between the European Parliament and the Council to reinforce the EU Renewable Energy Directive. This deal brings the EU one step closer to completing the “Fit for 55” legislation to deliver the [European Green Deal](#) and the [RE Power EU objectives](#). The agreement raises the EU's binding renewable target for 2030 to a minimum of 42.5%, up from the current 32% target and almost doubling the existing share of renewable energy in the EU. Negotiators also agreed that the EU would aim to reach 45% of renewables by 2030.

The agreement reaffirms the EU's determination to gain its energy independence through a faster deployment of home-grown renewable energy, and to meet the EU's 55% greenhouse gas emissions reduction target for 2030. A massive scaling-up and speeding-up of renewable energy across power generation, industry, buildings and transport will reduce energy prices over time and decrease the EU's dependence on imported fossil fuels.

[Read more](#)

ETSI Summit on Sustainability: ICT Standards for a Greener World

ETSI organised a [Summit](#) on Sustainability, How ICT developments and standards can enable sustainability and have a positive impact on society, in a hybrid format, on 30 March 2023 in ETSI Headquarters, Sophia Antipolis, France. The ETSI Summit focused on the key role of the ICT industry and related standardization activities to support Green initiatives.

[Read more](#)

EU/EFTA-India

India, France Discuss Progress on India-EU Trade Pact

Trade ministers of India and France have held discussions related to the ongoing talks for a free trade agreement between India and the European Union, the commerce ministry said. Commerce and Industry Minister of India was here to attend India-France Business Summit and CEOs roundtable meet. “The ministers discussed priority areas related to India - EU FTA (free trade agreement) negotiations where issues related to market access were deliberated,” it said.

[Read more](#)

High-Level Delegations from India & EFTA Meet to Boost Bilateral Trade and Economic Partnership

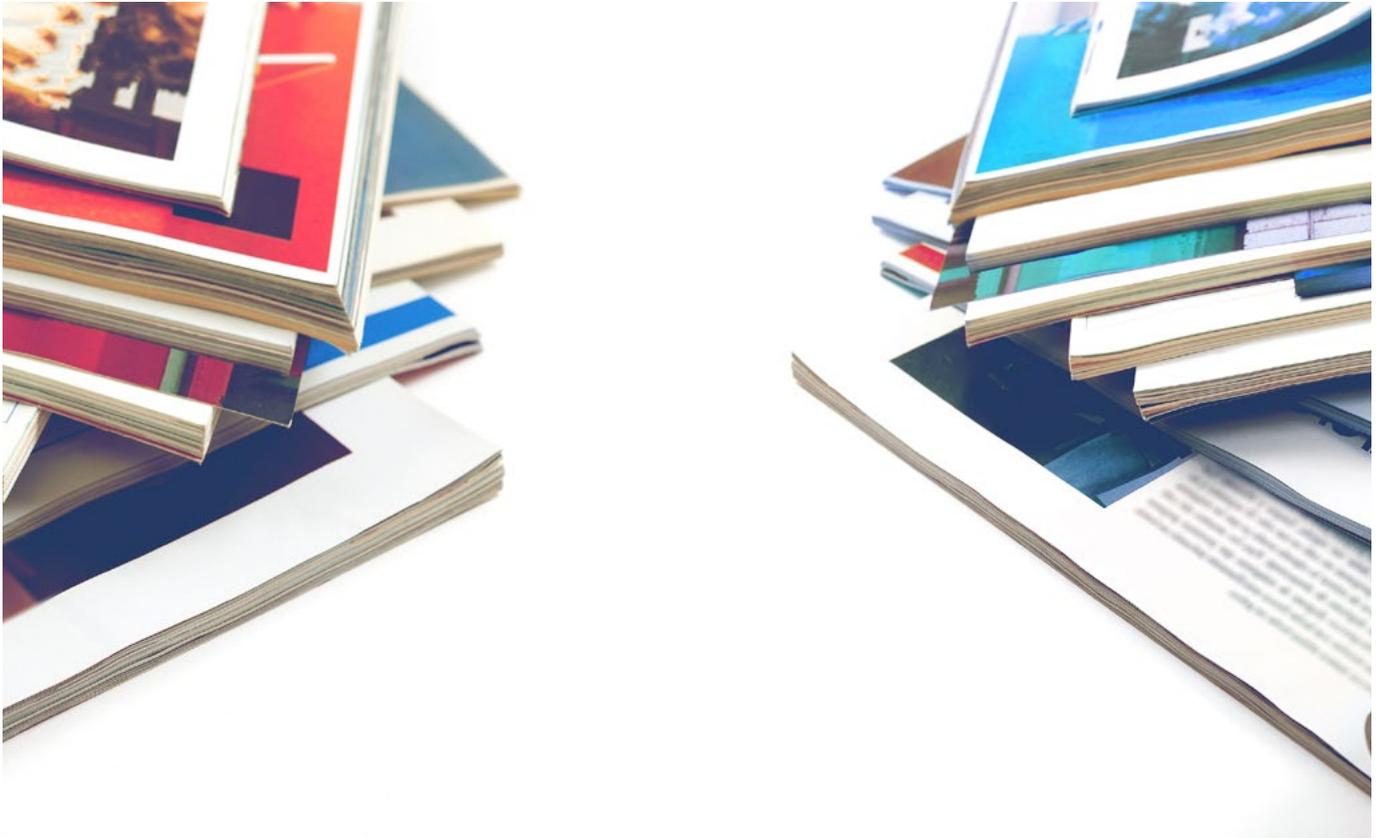
On 26th April 2023: Ministers and high-level representatives from India and the European Free Trade Association (EFTA) States (Iceland, Liechtenstein, Norway, and Switzerland) gathered in New Delhi to discuss the prospects of resuming their negotiations towards a Trade and Economic Partnership Agreement (TEPA).

The meeting provided an opportunity for both sides to exchange views on the state of play of their negotiations and explore ways to advance the talks. The participants acknowledged the challenges posed by the current global economic and trade environment, as well as the need to address the bilateral trade and economic partnership issues in a constructive and pragmatic manner. Both sides agreed to continue their efforts to resolve all issues outstanding and work towards deepening and strengthening the economic partnership, while contributing to a more inclusive global trading system.

[EFTA News](#)



Whitepapers/Publications



CEN-CENELEC Newsletter

New issue of the CEN-CENELEC newsletter 'On The Spot' is out now!

[Read more/Download](#)

The New Enjoy! Sustainability: Lead the Standardization, Make it Clean, Keep it Green

“Sustainability: lead the standardization, make it clean, keep it green” is the title of the April edition of the ETSI quarterly magazine. Yes, in ETSI and in the secretariat we contribute to make the planet greener with several of our groups. See how!

[Read more/Download](#)



Events Calendar 2023

Webinar 'The functioning of the HAS system, interactions with HAS consultants and best practices'

When: 16 May 2023 (online)

This webinar will aim to provide first-hand information to CEN and CENELEC Technical Committees on the functioning and state-of-play of the HAS system, and best practices to ensure smooth cooperation between the different actors/stakeholders. [Read more](#)

Standards: Driving the future of CleanTech in Europe

When: 8 June 2023

Where: Brussels

With the recent launch of the Green Deal Industrial Plan and the Net-Zero Act, Europe is setting a clear framework to scale up the manufacturing of clean technologies and ensure it is well equipped for the transition to climate neutrality. [Read more](#)

The ETSI Seminar

When: 20 June 2023

Where: Sophia Antipolis, France

The ETSI Seminar provides an intensive and interactive course on ETSI, its organization, structure, ways of working and related subjects. It is targeted at those who are new to ETSI or those who need to develop a deeper understanding of how to work effectively in ETSI. [More information](#)

ETSI IoT Conference 2023 (ETSI IoT Week 2023)

When: 4-6 July 2023

Where: ETSI, Sophia Antipolis, France

ETSI's annual flagship event returns in 2023. The 2023 edition of the ETSI IoT Conference will offer attendees the opportunity to learn and share experiences related to IoT technologies, services, activities, requirements, looking at present and future standardization work. [More information](#)

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About Project

SESEI | Seconded European
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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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