SESEI Newsletter

SECONDED EUROPEAN STANDARDIZATION EXPERT IN INDIA

INDIA

MAY 2023 ISSUE 03

CEN	CENELEC	ETSI	European Commission	EFTA
European Committee for Standardization	European Committee for Electro Technical Standardization	European Telecommunications Standards Institute	European Commission	European Free Trade Association

Greeting from SESEI!

Dear Reader's

A hearty welcome to all of you from the SESEI's desk. We are happy to bring the 3rd Edition of the SESEI Newsletter India for the month of May 2023. This month has been the epitome of EU/EFTA and India talks and round of discussions on trade, technology, environment, and reciprocity.

Significant progress in taking forward the negotiations on a Trade and Economic Partnership Agreement (TEPA) was achieved during the meeting held between India and EFTA. Minister of Commerce & Industry, Consumer Affairs & Food & Public Distribution and Textiles, led the Indian delegation and both EFTA and India agreed to ramp up their efforts to arrive at a common understanding on critical issues pertaining to TEPA. Standards will also be a key area of cooperation between EU/EFTA and India as standards are fundamental to technology, sustainability, and trade.

Standardization is one of the key pillars of EU Single Market and Standardization Strategy was launched by the European Commission in February 2022, now European Parliament have voted to endorse the Own Initiative Report on a Standardization Strategy for the Single Market. The report will feed into the Commission's upcoming work and that of European Standardization, including the possible revision of the Standardization Regulation.

Reconfigurable Intelligent Surface (RIS) is a new wireless technology for the control of the radio signals between a transmitter and a receiver in a dynamic and goal-oriented way. ETSI has released its first report of the ISG on RIS ETSI GR RIS-001 which identifies and defines relevant RIS use cases, with corresponding general Key Performance Indicators (KPIs).

The CEN Technical Committee 114 'Safety of machinery', have published an updated version of EN ISO 13849-1:2023 'Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design (ISO 13849-1:2023)

Sustainability and Climate protection is another significant area of cooperation between India and the EU. The European Commission has revised its Circular Economy monitoring framework to further reduce consumption of materials, generation of waste and to achieve a more circular economy. This revised monitoring framework includes new indicators, such as material footprint and resource productivity. Also, the European Commission has introduced EU's new eco-design rules for electrical appliances in "standby" mode.

Details of important events and webinars are included in this newsletter for all our readers. We look forward to your comments and feedback.

Warm regards,
Dinesh Chand Sharma
Director Standards & Public Policy

SESEI
Seconded European Standardisation Expert in India

Enabling Europe–India Cooperation on Standards

Generic/Standards/IPR

Digitization

technology-innovators.com

European Commission released its Report on Intellectual Property Rights in Third Countries

European Commission (EC) released its report on Intellectual Property Rights in third countries which identifies so-called 'priority countries' in which the state of IPR protection and enforcement is a source of major concern. Based on these findings, the Commission will focus its efforts and resources on the specific areas of concern in these countries, with the aim of improving IPR protection and enforcement worldwide.

Read more

The European Parliament approves the Own Initiative Report on Standardization

On 8 May, the plenary session of the European Parliament in Strasbourg voted to endorse the Own Initiative Report on a Standardization Strategy for the Single Market. CEN and CENELEC had previously welcomed the report as a sign of the Internal Market and Consumer Protection Committee's commitment to the European Standardization System when approved at committee level.

Read more

ETSI releases First Use Cases for Reconfigurable Intelligent Surface

ETSI announced the release of the first Group Report developed by its Reconfigurable Intelligent Surface Industry Specification Group. The ETSI Report ETSI GR RIS-001 identifies and defines relevant RIS use cases, with corresponding general Key Performance Indicators (KPIs). It also describes deployment scenarios as well as potential requirements for each identified use case, to enable interoperability with existing and upcoming wireless technologies and networks. The ETSI Report, ETSI GR RIS-001, specifies 11 concrete key use cases where RIS deployment may provide enhancements or new functionalities.

Read more

oneM2M Specifications approved by more than 190 ITU Member Countries as ITU Standard to Simplify IoT Adoption

More than 190 ITU-T member countries have approved oneM2M specifications as ITU standard, simplifying the IoT ecosystem lifecycle by minimizing development, deployment, and maintenance costs. The ITU-T's SG20 Internet of Things (IoT) and smart cities and communities (SC&C) approved oneM2M's security specifications for IoT systems as part of the ITU-T Y.4500.3 series, making the entire suite of oneM2M specifications available for use nationally by ITU -T member states.

With this latest milestone, the ITU-T has further added IoT security capabilities to its Recommendations of the M2M common service layer, built on middleware concepts, standardized by oneM2M. The approval happened over a multi-step process involving interactive discussions between ITU-T members and oneM2M experts.

Read more

Green & Clean Energy

istock

European Commission Revises the Circular Economy Monitoring Framework

The EU must continue its efforts to reduce consumption of materials and generation of waste to achieve a more circular economy according to the European Commission's revised Circular Economy monitoring framework published on May 15, 2023. The revised framework helps to better track progress in the transition to a circular economy in the EU and considers how it can contribute to climate neutrality, resilience and global sustainability.

The revised monitoring framework for circular economy includes new indicators, such as material footprint and resource productivity. These indicators monitor the material efficiency of the EU's production and consumption system. It also includes new indicators to measure progress towards the waste prevention targets.

Read more

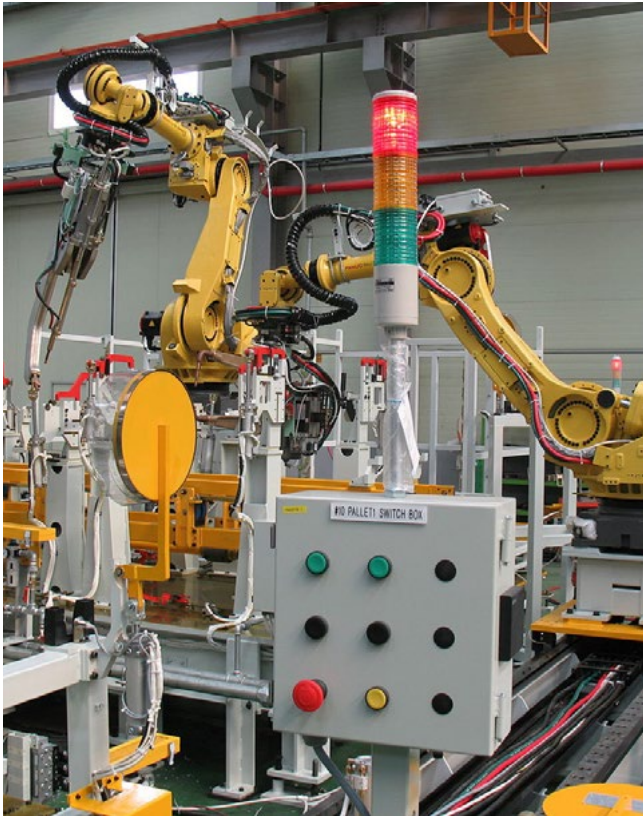## Commission Presents New Ecodesign Rules for Electrical Appliances in "Standby" Mode

The Commission adopted new EU rules to reduce the energy consumption of electrical appliances when they are in 'standby' mode. The revised rules introduce a number of amendments to the 2008 ecodesign regulation on standby, off mode and networked standby, last updated in 2013, following an extensive consultation exercise and scrutiny from the European Parliament and the Council. The changes take account of technological and market developments in recent years and extend the scope of the rules, for example now including products with a low voltage external power supply such as small network equipment (including Wi-Fi routers and modems) or wireless speakers.

By requiring reduced electricity consumption of products when they are in low power mode, the Commission estimates that annual energy savings of 4 TWh will be generated by 2030 – that amount is nearly double the annual consumption of Malta and translates to an annual CO_2 saving of 1.36 million tonnes of CO_2 equivalent. This will also benefit consumers by reducing their bills, with the total savings for consumers estimated at €530 million a year by 2030.

Read more

Safety of Machinery/ Other Topics

wikimedia.org

A New Edition of EN ISO 13849-1:2023 on Safety-related Parts of Control Systems

To ensure steady high levels of safety for industrial machinery, it is key to keep relevant safety standards constantly updated, taking into account recent developments in technology. For this reason, in a welcome development in the field of machinery safety, CEN Technical Committee 114 'Safety of machinery', just published an updated version of EN ISO 13849-1:2023 'Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design (ISO 13849-1:2023)'. In particular, the standard specifies a methodology and provides related requirements, recommendations and guidance for the design and integration of safety-related parts of control systems (SRP/CS) that perform safety functions, including the design of software.

Read more

EU/EFTA-India

First EU-India Trade and Technology Council Focused on Deepening Strategic Engagement on Trade and Technology

The European Union and India have held their first ministerial meeting of the Trade and Technology Council (TTC) on May 16, 2023, in Brussels. The TTC is a key forum to deepen the strategic partnership on trade and technology between the two partners. Geostrategic challenges have reinforced the EU and India's common interest in ensuring security, prosperity and sustainable development based on shared values. The TTC will help increase EU-India bilateral trade, which is at historical highs, with €120 billion worth of goods traded in 2022. In 2022, €17 billion of digital products and services were traded.

The Meeting involved discussions on roadmaps for future cooperation under the three working groups: Strategic Technologies, Digital Governance, and Digital Connectivity, Green and Clean Energy Technologies, Trade, Investment, and Resilient Value Chains.

Read more

India and EFTA take Further Steps Towards a New Trade and Economic partnership

India and the European Free Trade Association (EFTA) States (Iceland, Liechtenstein, Norway, and Switzerland) have taken a significant stride forward in their quest for a Trade and Economic Partnership Agreement (TEPA). The two sides held a ministerial meeting in Brussels, where they discussed the modalities of engagement for working towards a comprehensive TEPA.
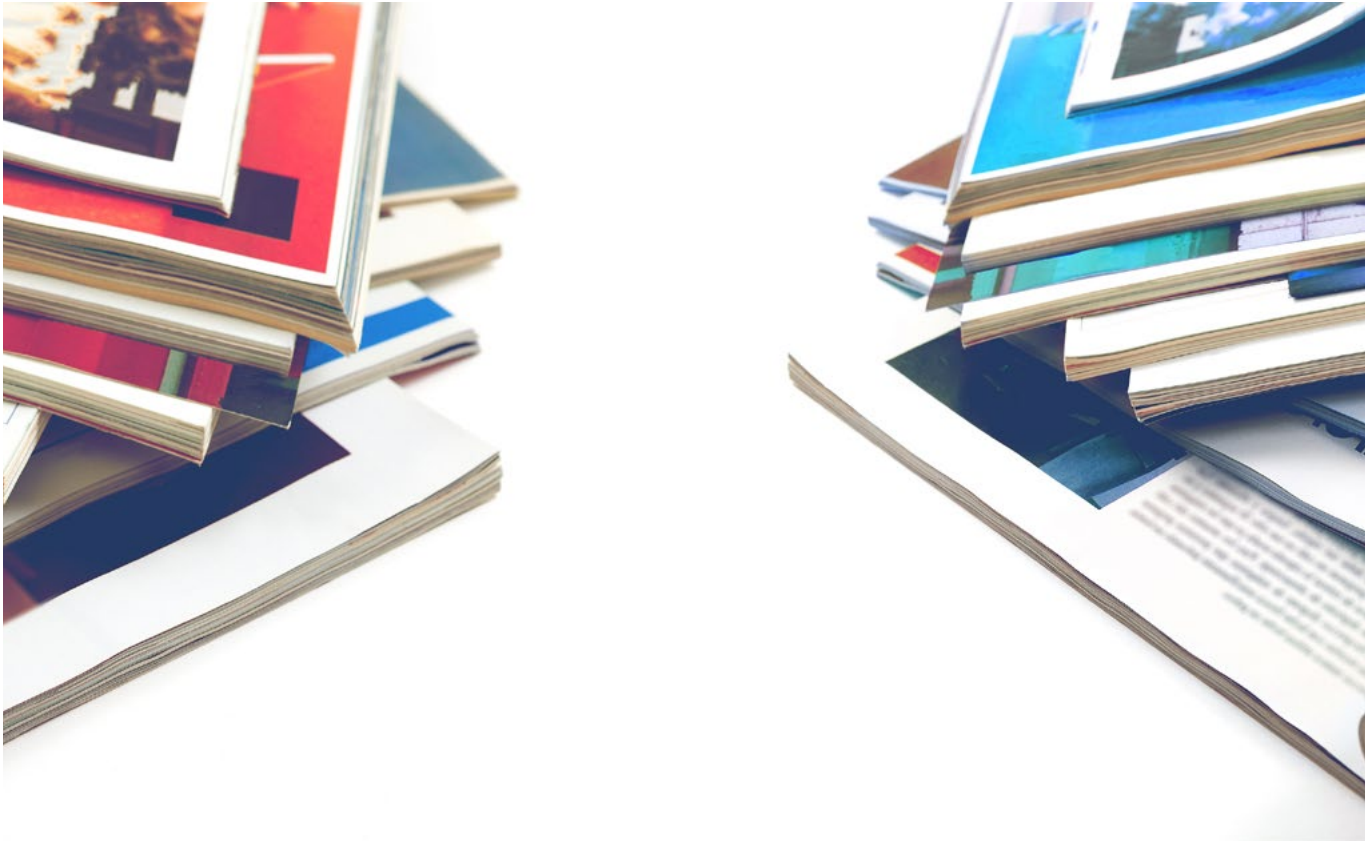
Both sides emphasised the importance of building their discussions on principles of trust and respect for each other's sensitivities to achieve a fair, equitable and balanced agreement. The delegations agreed to ramp up their efforts and continue their discussions at a steady pace, with several more meetings planned over the coming weeks and months, to arrive at a common understanding on critical issues pertaining to a TEPA.

Read more

Whitepapers/Publications

ETSI New White Paper on evolving NFV towards the next decade

ETSI Industry Specification Group on Network Function Virtualization (ISG NFV) has published new White Paper on "Evolving NFV towards the next decade" which analyses different challenges and technology trends, and proposes several potential directions on how ETSI ISG NFV can evolve in the next decade. Aspects about API development, open source, NFV multi-cloud, unified management, declarative intent driven automation and AI are considered as key drivers for the evolution.

Read more/Download

CEN-CENELEC Newsletter

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

Read more/Download

Events Calendar 2023

Closed-Loop Automation: Unleashing the Full Potential of Zero-Touch Management

When: 22 June 2023 (online)

This webinar will provide a comprehensive overview of closed-loop automation, including the enablers, solutions, and open challenges involved. More information

The ETSI Seminar

When: 20 June 2023

Where: Sophia Antipolis, France

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 IoT Conference - IoT Technologies for Green and Digital Transformation - 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

Mitigating Potential Security Threats to Zero-Touch Network & Service Automation

When: 29 June 2023 (online)

The webinar will present the results of the comprehensive study that was conducted by the ZSM group in ETSI report ZSM010 on potential security threats and risks to the ZSM framework and solutions. More information

3rd FRMCS Plugtests

When: 3-7 July 2023

Where: Paris, FR

ETSI is organising, 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 3rd FRMCS (Future Railway Mobile Communication System) Plugtests event. More information

How to Ensure the Digital Product Passport Empowers SMEs

When: 21 June 2023

Where: Brussels and Online

The workshop will showcase practical examples of existing DPPs, shed light on standardization work related to the DPP system, and share insights on opportunities and challenges for SMEs. More information

The Do's and Don'ts of Green Claims – Join ECOS Annual Conference!

When: 14 June 2023

Where: Brussels & online

Green claims have become mainstream. Are they credible? Should we believe them? ECOS' 2023 Annual Conference next 14 June will be a unique opportunity to discuss how we should communicate environmental information to ensure reliability and transparency. 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) 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

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