



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

MARCH 2023
ISSUE 01

IN THIS ISSUE

Digitization

- CEN-CENELEC Publishes Two Documents on Quantum Technologies
- ETSI releases Report enabling more Transparent Security Techniques
- SME Guide on Blockchain and DLT
- EC Directive for use of Digital T Tools and Processes in Company Law
- ETSI TeraFlowSDN to serve as Reference Implementation for TIP
- New Extension for Disabled People to the ETSI Mobile Emergency App Framework
- 10 years of ETSI NFV

Green & Clean Technologies

- EU agrees Stronger Rules to boost Energy Efficiency
- CEN and CENELEC support the Net-Zero Industry Act
- European Standards support a more resilient Critical Raw Materials Supply Chain
- European Commission adopt: Consumer Rights for Repairs

Whitepapers/Publications

Events Calendar 2023

About Project

Greeting from SESEI!



Dear Reader's

I am very excited to extend a hearty welcome to all of you to this "Fifth Phase" of the Project SESEI. The very success of this project is built on creating opportunities for exchange of information, knowledge and the best practices around emerging technologies & sustainability standards and policies between India and EU/ EFTA.

As we are advancing towards economic growth, the need for sustainability, protection of environment and precious resources is lurking in front of all of us as the biggest global challenge. Digital and green transitions have been recognized as the solutions for this challenge the world is experiencing today.

The focus of the SESEI project during this phase would be around the "Twin Transition" which refers to the interplay between digital and green technologies. Both digitization and Clean & Green Technologies are interlinked and have symbiotic relationship. Standards and related policies will play a key role in both the Digitization as well as Clean and Green Technologies which have been a topic of much discussion and attention by the Policy Makers, Standards development organization and Industry alike.

This is the 1st Edition of the SESEI Newsletter India for this fifth phase. The news and updates from the EU/EFTA has been broadly categorized into "Digitization" and "Clean & Green Technologies".

[CEN and CENELEC' Focus Group on Quantum Technologies \(FGQT\)](#) have recently released two milestone documents: a [Standardization Roadmap](#) and a report on [Quantum Technologies Use Cases](#). ETSI on other side released a [White Paper on Autonomous](#)

[Networks \(AN\)](#) which is considered as one of the most important evolutions to enable the Digital Transformation while offering new service opportunities efficiently and providing significant cost savings possibilities in the network operation.

Standards are not only meant for the big corporates but are equally important for Medium and Small Businesses and Start-up's. The [Small Business Standards \(SBS\)](#) which is a European non-profit association co-financed by the European Union and EFTA Member States have released a [guide on blockchain and Distributed Ledger Technology \(DLT\)](#) providing SMEs with basic yet key principles of blockchain and DLT technology and how standardization can help in strengthening transparency and sustainability of operations.

The EU/ EFTA are strong advocates of Twin Transition and are taking all possible measures to ensure effective and efficient implementation of policies and directives to achieve the desirable results. The [European Commission](#) released a [Net-Zero Industry Act](#), supported by [CEN-CENELEC](#) as they have already carried out standardization work in many of the sectors designated as Strategic Net-Zero Technologies.

The enthusiastic and positive response received from the standards community has encouraged us to make this Newsletter a "Monthly feature" by making it sharp and more real time. We hope you enjoy reading it.

Warm regards,

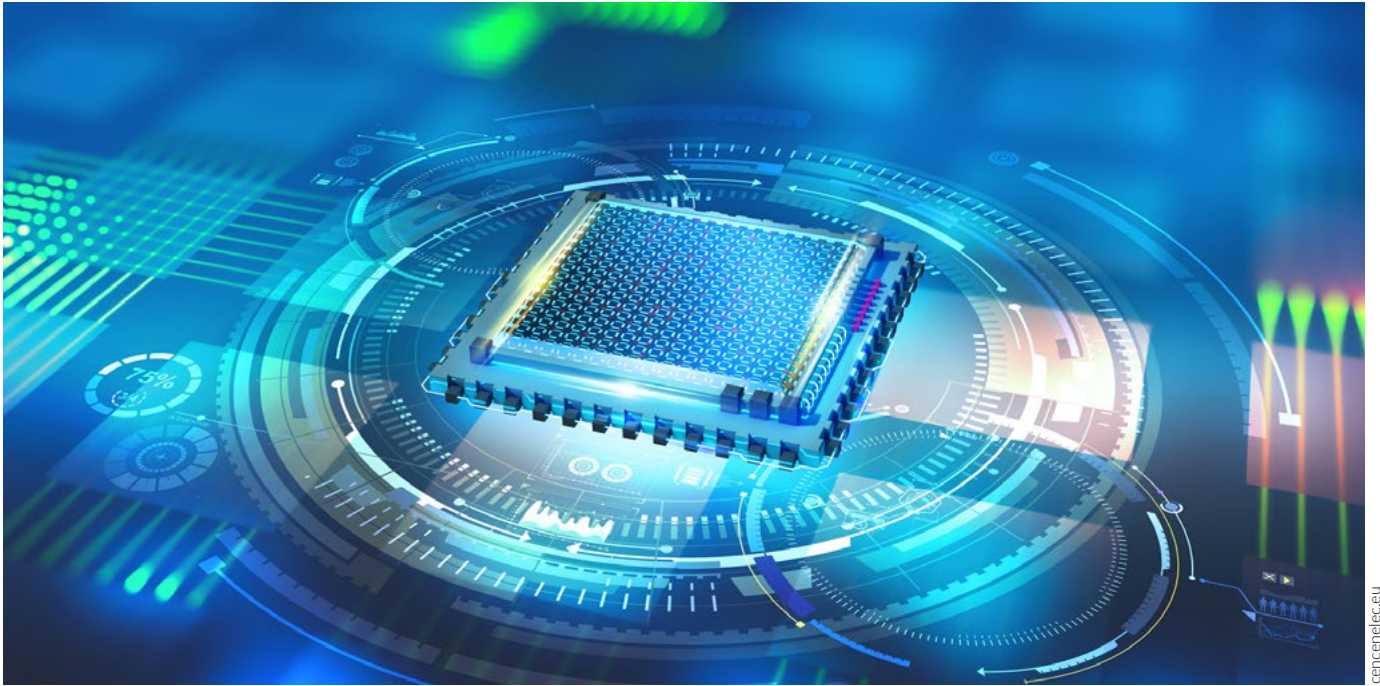
Dinesh Chand Sharma

Director Standards & Public Policy

SESEI | Secoded European
Standardisation
Expert in India
Enabling Europe-India Cooperation on Standards



Digitization



cencenelec.eu

Standardization for Quantum Technologies: read CEN-CENELEC Two Newly Published Documents

Quantum Technology is a promising field in the development of skills to navigate the digital transition. To steer work on standardization in this rapidly advancing field, CEN and CENELEC recently published two important documents: a [Standardization Roadmap](#) and a report on [Quantum Technologies Use Cases](#). The two documents provide a comprehensive vision on the European standardization needs for quantum computing, quantum communication and quantum metrology.

[Read more](#)

ETSI releases New Report enabling more Transparent Security Techniques

The ETSI group on Encrypted Traffic Integration (ISG ETI) announced the release of the group report [GR-ETI-002](#) "Requirements definition and analysis", the next step for the problems previously outlined in the report GR-ETI-001 "Problem Statement".

[Read more](#)

SBS Published the SME Guide on Blockchain and DLT

Small Business Standards (SBS) published a guide on blockchain and Distributed Ledger Technology (DLT) to raise SMEs' awareness and assist them in mastering the use of blockchain technology. The guide provides SMEs with basic yet key principles of blockchain and DLT technology and how standardisation can help in strengthening transparency and sustainability of operations, scaling up solutions and sensibly reducing transaction costs for businesses.

[Read more](#)

Proposal for a Directive to further Expand and Upgrade the use of Digital Tools and Processes in Company Law - All Documents

The Commission adopted on 29 March 2023 the proposal for a Directive to further expand the use of digital tools and processes in EU company law. The proposal aims to enhance transparency about companies and trust between Member States as well





New Extension for Disabled People to the ETSI Mobile Emergency App Framework

The ETSI emergency communications technical committee has just released a specification for a Pan-European Mobile Emergency Application framework (PEMEA) [Real-Time Text Extension](#). Real-Time Text (RTT) communications are used extensively by people with hearing and speech disabilities around the world. These systems convey letters as they are typed from the source to the destination.

[Read more](#)

10 years of ETSI NFV - its Network Operators Council's Perspective on the Past, Present and Future

[In the light of ten years from the NFV introductory whitepaper](#), is the new whitepaper the ETSI ISG NFV Network Operator Council (NOC), an advisory group of ISG NFV, launched 10 years after the introductory whitepaper. The whitepaper covers the evolution of the NFV concepts and their translation into formal standards by the ETSI ISG NFV.

[Read more](#)

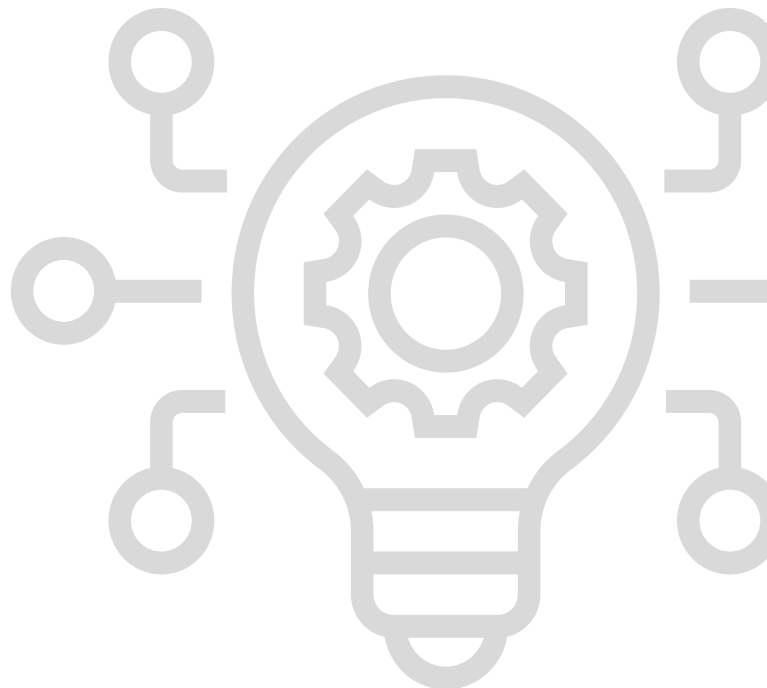
as to create more connected public administrations, while reducing administrative burden for companies and other stakeholders in cross-border situations. It will thus contribute to a more integrated and digitalised single market for companies.

[Read more](#)

ETSI TeraFlowSDN to serve as Reference Implementation for TIP

The ETSI TeraFlowSDN community has announced their commitment to the implementation of TIP's Mandatory Use Case Requirements for SDN for Transport (MUST) Requirements in their innovative cloud native SDN Controller. This will position TeraFlowSDN as a reference implementation in the Telecom Infra Project Open Optical & Packet Transport group (TIP OOPT). This move will also make it possible to accelerate the adoption of SDN standards for IP/MPLS, Optical and Microwave transport technologies, which is one of the main objectives of MUST.

[Read more](#)





Green & Clean Technologies



European Green Deal: EU agrees Stronger Rules to boost Energy Efficiency

The Commission welcomes the provisional agreement reached with the European Parliament and the Council to reform and strengthen the EU Energy Efficiency Directive. This deal marks a further step in the completion of the 'Fit for 55' package to deliver the European Green Deal and the REPowerEU Plan. It shows once again the EU's determination to become climate neutral by 2050.

[Read more](#)

European Standards support a more resilient Critical Raw Materials Supply Chain

Critical Raw Materials play an important role in today's global economy. Minerals such as lithium, cobalt, and copper are essential components in a wide set of strategic sectors, including the net zero industry, the digital industry, aerospace, and defence sectors. For this reason, they are fundamental to ensure the long-term success of the European Union's strategic priorities, such as the twin digital and green transitions and its strategic autonomy.

[Read more](#)

The Net-Zero Industry Act: CEN and CENELEC ready to support the Future of European Innovation in Clean Technologies

On the 16th of March, the European Commission released the proposal for the [Net-Zero Industry Act](#). CEN and CENELEC welcome the Commission's proposal to strengthen European Green Industry and are excited to see how standardization can continue to foster innovation in clean technologies.

[Read more](#)

Right to Repair: Commission introduces New Consumer Rights for Easy and Attractive Repairs

The European Commission adopted a new proposal on common rules promoting the repair of goods, which will result in savings for consumers and support the objectives of the European Green Deal by reducing waste, among others.

[Read more](#)





Whitepapers/Publications



Position Paper - CEN and CENELEC input to Horizon Europe Strategic Plan 2025-27

This Position Paper has been prepared by CEN and CENELEC in reply to the European Commission's consultation on past, present and future European R&I programmes with the aim of providing input on pre-normative research needs which could contribute to shaping the strategic orientations for the Horizon Europe Strategic Plan 2025-2027.

[Read More](#)

New ETSI White Paper: a Novel Cognitive Network for AI-driven Automation

The ETSI group on Experiential Networked Intelligence has published a [White Paper](#) describing the design of a novel cognitive network. The ETSI ENI novel system architecture (based on ETSI GS ENI-005) intelligently manages, predicts, adjusts and optimises network behaviour using cognition management.

[Read more](#)

New ETSI White Paper: Unlocking Digital Transformation with Autonomous Networks

This new ETSI White Paper, highlights different works on autonomous networks, which are implemented by at least nine different ETSI groups, mixing a large range of expertise.

[Download whitepaper](#)

Security for oneM2M-based Smart City Network: An OM2M Implementation

The paper on Security for oneM2M-based Smart City Network: An OM2M Implementation.

[Click here to download the paper](#)



Events Calendar 2023

Webinar: Highlights in Circular Economy standardization – 3rd event

When 2nd May 2023, Online

Organised by the CEN-CENELEC SABE Topic Group Circular Economy (SABE CE-TG) with the objective of providing guidance to CEN and CENELEC Technical Bodies in the preparation of circular economy related standards. This workshop will provide participants with practical information regarding standardization activities and best practices related to circular economy and material efficiency topics from three CEN Technical Committees. [Read more](#)

Webinar: A user-centric approach of smart digital identity by ETSI

When: April 20, 2023 (online)

In this webinar, the ETSI User Group will present their work and a Proof of Concept (POC), that demonstrates the possibility of digitizing personal information, by delivering the active user profile at any time. [Read more](#)

MPLS SD & AI Net World 2023

When: 18-20 April, 2023 (Paris)

ETSI is pleased to endorse the MPLS SD & AI Net World and will actively contribute to the conference programme. The 2023 edition focusses on IP/Optical convergence. Other main sessions cover SRv6 enhancements and deployments, Network Programming, Security, AI & ML, 5G Architectures, Open RAN, Network Slicing and Automation. [Read more](#)

6GSymposium Spring 2023: Beyond The Hype

When: 24-26 April, 2023 (online)

ETSI is pleased to endorse 6GSymposium Spring 2023: Beyond The Hype, April 24-26 2023, Live Event, London and Surrey, UK. 6GSymposium Spring 2023 will bring together the international community to build consensus on key issues and further the momentum towards 6G. [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