



# Quarterly Report No. 2

(October-December 2019)

Brief Summary

January 2020

# Outline

- Major Updates
- Key Meetings, Events & Queries (Activity Tracker)
- Quarterly Report – Snap Shot
- Key Draft Standards Under Wide Circulation
- Planned Activities for Next Quarters

# Major Updates

## Generic:

- [BIS, CEN – CENLEC Jointly organized Workshop on “Emerging challenges in new era of standardization: Exchange of best practices” on 26th & 27th November 2019, New Delhi](#)
- [BIS to set quality standards to ensure Indian items are not rejected in global market](#)
- [Government gears up to place restrictions on non-essential imports](#)

## Smart Cities:

- [India joins G20 Global Alliance on responsible use of Smart City technologies](#)

## Electrical Equipment incl. Consumer Electronics:

- [Government to finalize New Energy Policy soon: NITI Official](#)
- [Ministry of New and Renewable Energy \(MNRE\) released guidelines for development of Decentralised Solar Power Plants](#)

## Automotive:

- [Ministry of Power \(MoP\) issues revised norms for EV Charging infra to boost e-mobility](#)
- [Ministry of Road Transport and Highways \(MoRTH\) has issued draft guidelines for setting up authorised vehicle scrapping facilities](#)
- [Ministry of Road Transport and Highways \(MoRTH\) amends MV Rules Mandating Adherence to AIS-155 to Enhance Vehicular Security](#)

## ICT:

- [DoT Committee for the standardization of Artificial Intelligence \(AI\) has invited papers on AI](#)
- [Govt. launched National Broadband Mission to provide broadband access to all villages by 2022](#)
- [Govt. invites suggestions from Citizens as part of Cyber Security Strategy 2020](#)

# Key Meetings 1 (3)

Description	Total Until now	Last Qtr (Oct, Nov, Dec)
External Meetings	56	28
Internal Meetings	20	13

## Meeting with BIS :

- **Meetings of the BIS TC/28 WG on Active Assisted Living** to finalize the Study Report & discuss the next steps for AAL work Group. SESEI highlighted a faster adoption of EN 301 549
- **11th Meeting of ITS Sectional Committee, Transport Engineering Department (TED) 28:** SESEI is an important member of the BIS TC on ITS-TED 28 and promoting EU work around ITS.
- **Meeting with Scientist-F, Certification, BIS:** SESEI organized a meeting between Registration and certification officials from BIS and CEN CENELEC delegation to discuss industry challenges on the Compulsory Registration Scheme/Order (CRS/CRO) issues
- **High Level Meeting with DG BIS and Standardisation Head with the CEN CENELEC delegation** to discuss the close working relation between CEN CENELEC and BIS, status of the MoU which is currently with the Ministry of External Affairs for clearance and the key learnings from European Standardization system and process.

## Meetings with DoT and other Government Bodies:

- **1st meeting of the 'Technical Committee' on 'Strategies for Ropeways in India'** organized by National Institution for Transforming India (NITI Aayog) to Standardize the construction, maintenance and the operation of Ropeway in India. SESEI presented comparison of BIS v/s CEN standards
- **Periodic Meetings of the TEC Consultative Committee** formed for oneM2M adoption process to finalize the report on Adoption of oneM2M standard
- Meeting between concerned officials from **"Meity and CEN CENELEC delegation"** to discuss industry challenges on the CRO / CRS issues
- Review Meetings on **'Formulation and adoption of Volunteer Code of practice (VCP) under Approach towards Sustainable Telecommunications.** SESEI is contributing towards finalisation of the adoption and measurement process with TEC.

# Key Meetings 2 (3)

## Meetings with EU delegates, EU project officers & officials from EU delegation in India:

- **Meeting with GIZ Officials on Resource Efficiency Standards** to discuss and exchange status on the Resource Efficiency Standards and Circular Economy. SESEI provided list of EN on Resource Efficiency.
- **Meeting with EBTC Officials** to discuss the current state of Data Protection Bill & way forward. SEESI is a member of European Economic Group (EEG).

## Meetings with Project Partners:

- **Meeting with DG for Internal Market, Industry, Entrepreneurship and SMEs (GROW)** to provide updates on the progress of the Project SESEI 3, achievements and milestones of Project SESEI3, way forward for SESEI IV
- **Meeting with officials from DG Connect, European Commission** to discuss ToR, Project Objectives and way forward for SESEI IV.
- **Meeting with CEN CENELEC official responsible for Transport and Cable ways** to discuss the latest development on RAIL Standards and Ropeways/Cableways in Europe
- **Meeting with Project Manager – Manufacturing - Standardization & Digital Solutions, CEN CENELEC** to discuss the latest updates on the Machine Safety & Lift, Safety Standards and lift & Escalators (EN115)
- **Meeting with Official at International Unit at DG Grows responsible for India** to provide status update on the New initiatives, Policy and legislation updates for the Indian markets.
- **Meeting with Project Manager at CEN and CENELEC** to discuss the bilateral meeting between BIS and CEN CENELEC during the IEC GM
- **India Task Force Meetings** to discuss the upcoming workshop in India with BIS and market access related issues and presentations and discussions, held with the Indian officials

# Key Meetings 3 (3)

## Meetings with Industry & Associations:

- **Various Conference call meetings of the Broadband India Forum (BIF) Committee on ICT inclusion of Persons with Disabilities (PwD)** to discuss the update on the action points from the last meeting: EN 301 549 & other ICT standard developed by ETSI TC on Human Factors (TC HF).
- **EBG Telecom Sector Committee Meeting** to review on Telecom Industry Issues, TRAI consultation paper on Interconnect charges & Cloud Providers, etc.
- **Meeting with Indian Officials of Eurovent Certification** to understand the certification process/ policy undertaken in India and introduce Eurovent certification as a company and their role for India including their contributions to Indian Standards (IS).
- **Meeting with Manufacturers Association For Information Technology (MAIT) members** to discuss Draft list of items for notification in Phase IV of CRO. MeitY has sought inputs on the draft list of items for notification in Phase IV of CRO. SESEI contributed towards making the process simpler and make product compulsory for registration only which has a safety issue around it.

**Many more...**

# Key Events

Description	Total Until now	Last Qtr (Oct, Nov, Dec.)
Events/Seminar/Workshop/Roundtable	37	14

- **BIS-CEN-CENELEC Joint Workshop on Emerging challenges in new era of standardization: Exchange of best practices:** two -day workshop solidified the need to work together by way of sharing best practices and approaching challenges in a collaborative manner
- **Tech Talk on IoT at GLA University, Mathura and SGT University, Gurgaon:** SESEI give a Tech Talk on Standards - IoT and Smart Cities, importance of standards and in the IoT domain and the need for Common Service Layer
- **EU - India: Technical seminar on rail issues, New Delhi:** European Commission together with the Indian Ministry of Railways, organized a Technical seminar on common rail issues. SESEI made a detailed presentation on the Harmonization of Standards for Railways
- **8th International Railway Summit (IRS):** SESEI made a detailed presentation on the CEN CENELEC Railways standards, Standardisation strategy of Europe for Railways, integration with the global SDO's and need for Harmonization of Standards for Railways.
- **3<sup>rd</sup> Edition of India Mobile Congress 2019 organized by COAI:** TSDSI held a standardisation focused workshop during the IMC 2019 called Tech Deep Dive workshop.
  - Mr. Adrian Scrase as CTO ETSI and Head Mobile Competence Centre (MCC), gave presentation on Global Standardization and also on 5G Reality Check Context: 3GPP standards (Done -R15, Ongoing -R16, Planned -R17)
  - SESEI gave presentation on the "Overview of ETSI initiatives on 5G and beyond with focus on Multi Access Edge Computing".
- **TSDSI-IIT Delhi workshop on ML in Future Networks and Role of Standardization with support from India EU Cooperation on ICT Related Standardization, Policy and Legislation:** SESEI expert attended as a speaker and provided an overview of AI, EU strategy for AI and AI/ML related activities at CEN-CENELEC & ETSI.

**Many More....**

# Key Queries

Description	Total Until now	Last Qtr (Oct, Nov, Dec.)
No of Queries	22	10

## ICT:

- Shared information on uses cases, pertaining to IoT/M2M sector for its consideration to include them as part of terms of reference of the Committee report: MAIT
- Provided Assistant to CNLABS officer in connecting with ETSI official responsible for oneM2M affairs: CNLABS
- Provide information on ETSI Industry Specification Group (ISG) on Blockchain/Permissioned Distributed Ledger (PDL) and its Standardization activities: European Commission
- Shared information regarding ETSI adoption/transposition of 3GPP standards: TRAI
- Provided information regarding ETSI GS ECI 001 (01-06) standards. SESEI also provided the latest ECI report to the ETSI OCG as well as a white paper from 2014: TRAI

## Automotive:

- Shared report on Automotive Industry, prepared and released by SESEI in December 2018

## Railway:

- Prepared and shared a short article on railway industry: IRITS

## Machinery:

- Shared list of CEN/CENELEC standards relevant to Safety of Machinery directives draft: CEN CENELEC

## Circular Economy:

- Shared list of EN standards relevant for resource efficiency or circular economy: GIZ



# Quarterly Report: Snap Shot 1 (4)

## Generic:

- BIS, CEN – CENLEC Jointly organized Workshop on “Emerging challenges in new era of standardization: Exchange of best practices” on 26th & 27th November 2019, New Delhi
- Department for Promotion of Industry and Internal Trade (DPIIT) launches website and mobile app for Intellectual Property Rights (IPR)
- Bureau of Indian Standards (BIS) to set quality standards to ensure Indian items are not rejected in global market
- Government gears up to place restrictions on non-essential imports
- As Artificial Intelligence (AI) tech proliferates, India should update its patent laws: CII – TCS Report

## Smart Cities:

- Centre to speed up the implementation of projects under the Smart City Mission
- India joins G20 Global Alliance on responsible use of Smart City technologies

# Quarterly Report: Snap Shot 2 (4)

## Electrical Equipment including Consumer Electronics

- [Government to finalize New Energy Policy soon: NITI Official](#)
- [Ministry of New and Renewable Energy \(MNRE\) released guidelines for development of Decentralised Solar Power Plants](#)
- [India to sell connected consumer devices worth Rs 3.25 lakh crore \(€40.6 bn\) in 2020: Report](#)
- [The Energy and Resources Institute \(TERI\) develops blockchain-enabled prototype for solar power Trading](#)
- [Indian Institute of Technology \(IIT\) Delhi Researchers develop small, medium scale energy storage devices](#)
- **Office Memorandums (OMs)/Notifications/Guidelines: Government of India**
  - [Amendments to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Solar PV Power Projects](#)
  - [Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power From Grid Connected Wind Solar Hybrid Projects - Reg.](#)
  - [An online portal for processing applications for including and updating wind turbine models in Revised List of Models and Manufacturers \(RLMM\).](#)
  - [Year End Review 2018: Share of Renewable Energy in overall installed capacity \(347.37 GW\) in the country as on October, 2018 stood at around 73.35 GW](#)

# Quarterly Report: Snap Shot 3 (4)

## Automotive:

- Ministry of Power (MoP) issues revised norms for EV Charging infra to boost e-mobility
- International Centre for Automotive Technology (ICAT), the automotive R&D and testing agency under Government of India has launched a new testing and development facility
- Government has spent Rs 175 crore (€22 million) for the purchase of electric buses under FAME II
- Ministry of Road Transport and Highways (MoRTH) has issued draft guidelines for setting up authorised vehicle scrapping facilities
- **Notifications: Ministry of Road Transport and Highways (MoRTH):**
  - MoRTH amends MV Rules Mandating Adherence to AIS-155 to Enhance Vehicular Security
  - MoRTH has invited suggestions and comments for mandating BS VI level Emission Norms for Quadricycles

# Quarterly Report: Snap Shot 4 (4)

## ICT including services:

- [DoT Committee for the standardization of Artificial Intelligence \(AI\) has invited papers on AI](#)
- [Govt. launched National Broadband Mission to provide broadband access to all villages by 2022](#)
- [LoRa Alliance announces First Authorized Test Houses in India](#)
- [Govt. invites suggestions from Citizens as part of Cyber Security Strategy 2020](#)
- **Reports, guidelines and Notifications: Ministry of Electronics and Information Technology (Meity)**
  - [Meity has issued a notification that gave preference to locally made cybersecurity products for public procurement.](#)
  - [Guidelines for Procurement of Cloud Services.](#)
  - **Meity's four committees on Artificial Intelligence (AI) have published following reports:**
    - [Report of committee - A on platforms and data on AI](#)
    - [Report of committee - B on leveraging AI for identifying national missions in key sectors](#)
    - [Report of committee - C on mapping technological capabilities, key policy enablers required across sectors, skilling, reskill](#)
    - [Report of committee - D on cyber security, safety, legal and ethical issues](#)
- **Consultation papers, Recommendations & Regulations released by TRAI**
  - [Consultation Paper on Cloud Services](#)
  - [Consultation Paper on Review of Interconnection Usage Charges](#)
  - [Recommendations on Allotment of spectrum to Indian Railways for Public Safety and Security services](#)
  - [Recommendations on Review of Terms and Conditions for registration of Other Service Providers \(OSPs\)](#)
  - [The Telecommunication \(Broadcasting and Cable\) Services Standards of Quality of Service and Consumer Protection \(Addressable Systems\) \(Second Amendment\) Regulations, 2019](#)
  - [The Standards of Quality of Service of Basic Telephone Service \(Wireline\) and Cellular Mobile Telephone Service \(Seventh Amendment\) Regulations, 2019](#)

# Key Draft Standards 1(2)

## @ Electrical Equipment including Consumer Electronics

- [ETD 35 \(14609\)](#): Measuring Relays and Protection Equipment Part 26 Electromagnetic Compatibility Requirements (first revision)
- [ETD 31 \(14657\)](#): Adjustable speed electrical power drive systems Part 5 - Safety requirements - Sec 1 - Electrical thermal and energy
- [ETD 52 \(13979\)](#): Electrical energy storage EES systems Part 5 Safety requirements for grid integrated EES systems Section 2 electrochemical based systems
- [ETD 28 \(14733\)](#): Photovoltaic PV arrays - Design requirements
- [ETD 28 \(14756\)](#): Photovoltaic power generating systems - EMC requirements and test methods for power conversion equipment
- [ETD 40 \(14959\)](#): Guideline for the system design of HVDC converter stations with line-commutated converters

## @ Automotive:

### At BIS:

- [TED 7 \(13028\)](#): Evaluation of Tyres with regard to Rolling Sound Emission and/or to adhesion on wet surface and/or to Rolling Resistance
- [TED 24 \(13589\)](#): Wooden Pallets for Packaging Storage and Transportation Specifications

# Key Draft Standards 2(2)

## @Automotive

### At ARAI:

- [Draft AIS-004 \(Part 3\) \(Rev.1\)/D1/Sept 2019](#) : Automotive Vehicles –Requirements for Electromagnetic Compatibility
- [Proposed Draft Amendment 4 to AIS-145](#) : Additional Safety features for Category M & N Vehicles
- [Revised draft Amd 5 to AIS-113](#): Code of Practice for Type Approval of Trailers / Semi-trailers of categories T2, T3 and T4 being towed by Motor Vehicles of categories N2 and N3
- [Proposed Draft Amendment 4 to AIS-145](#): Additional Safety features for Category M & N Vehicles

## @ ICT

### At BIS:

- [LTD 12 \(14557\)](#): Standardization of Interconnections Between Broadcasting Transmitters or Transmitter Systems and Supervisory Equipment Part 1 Interface Standards for Systems Using Dedicated Interconnections Amendment – 1
- [LTD 12 \(14559\)](#): Electrotechnical vocabulary: Part 66 Space radio communications
- [LTD 17 \(15068\)](#): Information technology - Security techniques - Key management: Part 2 mechanisms using symmetric techniques
- [LTD 17 \(15075\)](#): Information technology - Security techniques - Application Security: Part 1 overview and concepts Amendment – 1
- [LTD 32 \(15080\)](#): Information Technology - Conformance testing Methodology for Biometric Data Interchange Formats Defined in ISO/IEC 19794 Part 1 Generalized Conformance Testing Methodology Amendment - 1

### At TSDSI

- 3 New Item proposals and 6 SWIP (Study Work Item Proposal) under review: TSDSI

# Planned Activities for Next Quarters

- Preparation for Steering Committee #2 and planned meetings for SESEI
- End of Year financial closure & Regulatory Compliances (Europe: Jan'19 to Dec'19)
- Continue working with TEC for adoption of oneM2M standards as National Standards
- Policy & NEWS Updates
- Follow-up on the India Taskforce workshop action points
- Representing CEN/CENELEC & ETSI at the CII National Standards Conclave 2020
- Participation in the important conferences and events
- Technical Synergy & support to the EU project such as Indico & EU-India ICT project

Thank you!

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