



# Quarterly Report No. 11

## Brief Summary

January 2019

# Outline

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

# Major Updates

## Generic:

- ✓ Government waives import duty on 35 machine parts used for manufacturing mobile phone components to promote handset production in the country.
- ✓ Ministry of Commerce and Industry has published Draft Patent (Amendment) Rules, 2018 (Draft Rules) for objections and suggestions.

## Smart Cities:

- ✓ 50 smart cities integrated command and control centres to be ready by 2019 under smart city mission
- ✓ German launched the Smart City Innovation Lab, the intellectual platform for technology sharing

## Electrical Equipment incl. Consumer Electronics:

- ✓ Bureau of Indian Standards (BIS) approves TÜV Rheinland's solar equipment test lab in Bangalore to conduct testing of solar modules.

## Automotive:

- ✓ Ministry of Power (MoP) released guidelines and standard for charging infrastructure for Electric Vehicle (EV).
- ✓ Government extended duration of FAME I Program for EV's upto 31<sup>st</sup> March 2019 or till notification of FAME-II, whichever is earlier.

## ICT:

- ✓ Government started a facility for testing telecom products and equipment to ensure security in digital communications at the national level.
- ✓ Government frees a set of spectrum in the 5 Ghz band from licensing for providing Wifi and partially 5G services by telecom companies.

# Key Meetings 1 (3)

Description	Total Until now	Last Qtr (Oct, Nov, Dec)
External Meetings	292	26
Internal Meetings	124	17

## Meeting with BIS :

- Meeting with Head of International Relations Department, BIS to discuss bilateral meeting between BIS Mgmt. and CCMC.
- 7th meeting of 'Smart Infrastructure Sectional Committee', LITD 28 to discuss, status updates of all the working groups, Panels and Study groups under LITD 28.
- Conference call & Meetings of the BIS organizing Committee for International Conference on Smart Cities Standardization to discuss and fine tune the preparations for this conference.
- Meeting with PwC on BIS awarded study to determine the Gaps and Challenges of BIS including its implementation plans.

## Meetings with DoT and other Government Bodies:

- First meeting of the Hi Level Forum for 5G Committee on Education and Awareness: Constitution of Committee for Action on HLF Report on Making India 5G Ready- Action plan on Education and awareness promotion for 5G India 2020

# Key Meetings 2 (3)

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

- Meeting with **Mr. Vainio Otto**, Advisor Business Finland to discuss ongoing Industry Issues and dynamics of the current Indian market.
- Conference call meeting with **Mr. Wim De Kesel**, VP, Policy CEN& CENELEC and **Mr. Vimal Mohindru**, IEC Ambassador to discuss issues and challenges concerning India especially from the Standards / harmonization of standards perspective.
- Meeting with Croatian Standards Institute (HZN)'s officials

## Meetings with Industry & Associations:

- Meeting of BIF Hi-Level Committee on ICT for Inclusive to progress update on white paper
- Meeting with **Mr. Jothishkumar Thekkoote**, Director Opentrends Technologies Pvt Ltd to discuss the Indian market around the subject of IoT/M2M.
- Meeting with **Pankaj Sharma**, Head of Telenor to discuss Data Privacy Act & TRAI Recommendations on Data Privacy.
- Meetings of Indian M2M+IoT Forum to discuss the agenda and programme for India M2M+IoT forum 2019 and for India Smart City and Village Forum 2019.
- Meeting with M/s Doppelmayr officials to discuss and synergise thoughts for the meeting on Ropeways MCA and CEN Standards with Niti Aayog.

# Key Meetings 3 (3)

## Meetings with Project Partners:

- Catch up calls with **Ms Briard Ines** to review the Project SESEI activities.
- 2nd meeting of the Task Force India (CCMC) to - Revised Terms of Reference of Task Force India. - Presentation from SARSO on their system and explaining how they work with BIS and Roadmap & Action Plan 2019.
- Meeting with **Ms. Alina, Program Manager** responsible for Services Standardization at CEN CENELEC Management center.
- Meeting with **Claire Dalier, Program Manager** and **Constant Kohler, Program Manager for ICT** at CCMC to discuss e-Accessibility (EN 301 549).
- Meeting with **Mr. Pavel Prokes** from European Commission on smart manufacturing: on Smart Manufacturing in Europe.
- Meeting with **Mr. Legrand Thierry**, Program Manager (Ropeways, e-Mobility & ITS) on the CEN standards for the E - Mobility and Ropeways.
- Meeting with **Ms Ivone Kaizeler** from European Commission to understand the work being carried out in EU on E-Mobility.
- Meeting with European Commission Officials responsible for Smart Manufacturing at DG CONNECT
- Meeting with **Ms. Catherine Mercedes**, Program Manager at CEN CENELEC on Smart Energy
- Meeting with **Ms. Paulina Gbur** of DG GROW, European Commission: on Services Standardization.

# Key Events

Description	Total Until now	Last Qtr (Oct, Nov., Dec.)
Events/Seminar/Workshop/Roundtable	154	16

- **2nd International Conference on Entrepreneurship, Innovation and Leadership (ICEIL'18):** SESEI presented his views on the " Role of Standards in Economic Development".
- **AI & IoT India 2018 International Conference:** SESEI participated as a keynote speaker and delivered a presentation on Artificial Intelligence (AI) work in Europe.
- SESEI attended a workshop organized by FICCI and Broadband India forum to discuss White Paper on Inclusion of People with Disabilities through Information and Communication Technology
- **ITU CoE training program on "IoT Technologies and Applications for Smart Cities":** SESEI gave lecture on "IoT and Smart City Standards and Policies: Global Prospective".
- **BIS-IEC International Conference on Smart Cities Standardization:** SESEI expert shared updates on projects SESEI and EU work around the subject of smart city carried out by ESOs, Ecs and oneM2M.
- **Curtain raiser on 'Intelligent Transport Systems' by Bureau of Indian Standards:** SESEI expert attended "Curtain raiser on ITS" as a speaker and shared a presentation on policies and standards around ITS in Europe.
- **Manymore....**

# Key Queries

Description	Total Until now	Last Qtr (Oct, Nov, Dec.)
No of Queries	200	13

- Provided information on the relationships between BIS and the Ministry: CEN-CENELEC
- Shared updates on INSS (Indian National Strategy for Standardization) 2018 released by Ministry of Commerce: SESEC
- Inputs to 'Technical Paper' on 'Gaps in BIS Standards vis-a-vis CEN Standards': BIS
- Inputs for TRAI's work programme 2019: Broadband India Forum
- Inputs to **Draft pre-standardization Study Report on Active Assisted Living (AAL)** and provided information on recent version of European standard EN 301 549 "Accessibility requirements suitable for public procurement of ICT products and services.
- Inputs to White Paper on **Inclusion of People with Disabilities through Information and Communication Technology**: Broadband India Forum (BIF)
- Inputs to **Draft National Policy on Electronics (NPE) 2018** as drafted by Ministry of Electronics and Information Technology (MeitY): MAIT
- Response to a query on BIS certification procedure for Li-ion battery (HSN code: 85076000): Karcher Cleaning Systems Private Limited
- Inputs to **Draft Pre-standardization study report on Smart manufacturing** drafted by BIS: BIS
- Manymore...



# Quarterly Report: Snap Shot 1 (4)

## Generic:

- [Government waives import duty on 35 capital goods to boost mobile phone manufacturing](#)
- [Ministry of new and renewable energy \(MNRE\) asked lending institutions to give preference to Indian standards to ensure quality while financing solar power projects.](#)
- [Ministry of Commerce and Industry has published Draft Patent \(Amendment\) Rules, 2018 \(Draft Rules\) for objections and suggestions.](#)
- [Department of Industrial Policy and Promotion \(DIPP\) wants strict compliance on procurement of local products](#)

## Smart Cities:

- [50 smart cities integrated command and control centres are expected to be ready by 2019](#)
- [Smart city's CITIIS programme provides a strong platform for both India and France to achieve their shared vision of a sustainable future and a more equal and just society through collaboration.](#)
- [Germany will provide technical support for conceptualising and implementing projects in five sectors under Smart City Mission in Cochin.](#)
- SESEI released status report on 100 Smart Cities Mission in India covering Mission background, Selection Process, Monitoring, financing, Current implementation status, Challenges, Technologies, Convergence with other program, Standardization etc. [Report/presentation](#)

# Quarterly Report: Snap Shot 2 (4)

## Electrical Equipment including Consumer Electronics

- [Cabinet approves moving a Resolution in the first Assembly of the International Solar Alliance \(ISA\) for amending the Framework Agreement](#)
- [Bureau of Indian Standards \(BIS\) approves TUV Rheinland's solar equipment test lab in Bangalore to conduct testing of solar modules.](#)
- [Smart electricity meters in rural India a win-win: Asian Development Bank \(ADB\)](#)
- **Office Memorandums (OMs)/Notifications: GoI**
  - ✓ [Central Electricity Regulatory Commission \(CERC\) issued CERC \(Deviation Settlement Mechanism and Related Matters\) \(Fourth Amendment\) Regulations, 2018.](#)
  - ✓ [Memorandum for the implementation of public procurement in renewable energy sector giving preference to 'Make in India' products.](#)
  - ✓ [Office Memorandum \(OM\) regarding "Non-insistence on Tier-I Solar PV Modules".](#)
  - ✓ [Amendment in the Guidelines for implementation of a scheme for setting-up of over 2000MV Grid-connected Solar PV Power Projects with Viability Gap Funding\(VGF\) under Batch-III of phase II of the NSM-reg.](#)

# Quarterly Report: Snap Shot 3 (4)

## Automotive:

- [Ministry of Power \(MoP\) released guidelines and standard for charging infrastructure for Electric Vehicle \(EV\)](#)
- [National Capital Delhi released its draft policy which aims to ensure adoption of 25 per cent e-vehicles among new registrations by 2023.](#)
- [Government extended duration of FAME I Program for EV's upto 31st March 2019 or till notification of FAME-II, whichever is earlier.](#)
- [NTPC signed MoUs with Vehicle Aggregators like Ola, Lithium, Zoom Car, etc. for development and utilization of public charging infrastructure](#)
- SESEI released sectorial report on Indian Automotive industry. [Report/Presentation](#)
- **Ministry notifications**
  - ✓ [Notification no. GSR 1081\(E\) regarding amendment in rule 90 of the CMVR, 1989- \(additional condition for national Permit\), fitness periodicity of two years, mandating FASTag etc.](#)
  - ✓ [Draft Notification no. GSR 1073\(E\) regarding common format for the Driving License and Registration certificate.](#)
  - ✓ [Notification no. G.S.R. 931\(E\) regarding Special requirements for transportation of Livestock.](#)
  - ✓ [Notification Issued for Inclusion of Quadricycles as Non Transport Vehicles](#)
  - ✓ [Notification no. G.S.R 1192\(E\) regarding Light and Signalling Device.](#)
  - ✓ [Notification no. S.O. 6052\(E\) regarding High Security Registration Plates \(Order\), 2018.](#)

# Quarterly Report: Snap Shot 4 (4)

## ICT including services:

- [Government has freed a set of spectrum in the 5 Ghz band from licensing for providing Wifi and partially 5G services by telecom companies.](#)
- [Data & cyber security may come under TRAI, Telecom Commission](#)
- [Government has started a facility for testing telecom products and equipment to ensure security in digital communications at the national level.](#)
- [India-EU cooperating on data privacy, data protection issues: BEREC](#)
- **Policy, Consultation papers, Recommendations released by TRAI and DoT**
  - [Govt notifies new telecom policy, renames Telecom Commission as Digital Communications Commission.](#)
  - [Department of Telecommunications \(DoT\) released notification for National Digital Communications Policy 2018.](#)
  - [Consultation paper on Estimation of Access Facilitation Charges and Co-location Charges at Cable Landing Stations.](#)
  - [Consultation paper on Methodology for levy of Spectrum Charges for provision of Satellite based Services using Gateway installed in India under 'sui-generis' category.](#)
  - [Telecommunication Mobile Number Portability \(Seventh Amendment\) Regulations, 2018.](#)
  - [Telecommunication Tariff \(Sixty Fourth Amendment\) Order, 2018.](#)
  - [Consultation Paper to Check on over-the-Top \(OTT\) Players.](#)
  - [Telecom Regulatory Authority of India \(TRAI\) releases Consultation Paper on Review of extant provision for sending the printed bills to consumers of landline and postpaid Mobile subscribers.](#)
  - [Department of Telecommunications \(DoT\) Notifies Rules For Inflight Connectivity.](#)

# Key Draft Standards 1(2)

## @ Electrical Equipment including Consumer Electronics

- [ETD-51\(13268\)](#) : Road Vehicles — Vehicle to Grid Communication Interface Part 8: Physical Layer and Data Link Layer Requirements for Wireless Communication
- [ETD-51\(13267\)](#) :Road Vehicles — Vehicle to Grid Communication Interface Part 5: Physical Layer and Data Link Layer Conformance Test
- [ETD-51\(12366\)](#) :Road Vehicles — Vehicle to Grid Communication Interface Part 4: Network and Application Protocol Conformance Test
- [ETD-51\(13265\)](#) :Road Vehicles — Vehicle to Grid Communication Interface Part 3: Physical and Data Link Layer Requirements
- [ETD-51\(13263\)](#) :Road Vehicles — Vehicle to Grid Communication Interface Part 2: Network and Application Protocol Requirements
- [ETD-51\(13257\)](#) :Road Vehicles — Vehicle to Grid Communication Interface Part 1: General Information and use-case Definition

## @ Automotive:

### At BIS:

- [TED 6\(13504\)W](#) :Draft Amendment No. 1 January 2019 to IS 7906(Part 5) : 2004 Helical Compression Springs –Part 5 Hot Coiled Springs Made From Circular Section Bars (Second Revision)
- [TED 28 \(12783\) W2](#) :Intelligent Transportation System (ITS): Reverse Parking Assist System (RPAS)

# Key Draft Standards 2(2)

## @Automotive

### At ARAI:

- [Draft Amd 2 to AIS-140](#): Intelligent Transportation Systems (ITS) - Requirements for Public Transport Vehicle Operation
- [Draft Amd 2 to AIS-145](#): Additional Safety features for Category M & N Vehicles
- [Draft AIS-017\(Part 6\) / D4/Dec 2018](#): Procedure for Establishing Whole Vehicle Safety Conformity of Production (WVSCOP) for L, M & N category of vehicles

## @ ICT

### At BIS:

- [LITD 27\(13077\)](#) : Information Technology – Internet of Things (IOT) – IOT Use Cases
- [LITD 19 \(12309\) ISO/IEC 19778-3:2015](#) : Information technology – Learning, education and training – collaborative technology – collaborative workplace – Part 3 : collaborative group data model
- [LITD 19 \(12308\) ISO/IEC 19778-2:2015](#) : Information technology – Learning, education and training – collaborative technology – collaborative workplace – Part 2 : collaborative environment data model
- [LITD 19 \(12302\) ISO/IEC 12785-1:2009](#) : Information technology – Learning, education and training – content packaging – Part 1 : Information model

### At TSDSI

- 4 New Item proposals, 1 Study item and 12 SWIP (Study Work Item Proposal) under review: TSDSI

# Planned Activities for Next Quarters

- Monthly Activity Tracker, Draft Standards under WC, Bi-Weekly News/Policy
- Preparation for the Steering Committee SC# 9
- Finalisation of sectorial reports on ICT and Electrical Equipment including consumer electronics.
- Continue working on priority topics of **ICT - 5G, M2M/IoT, Electrical Equipment incl. Consumer Electronics - CRO/CRS and Smart Energy, Smart Cities, Automotive - ITS, eMobility, & any other new areas such as Ropeways, Circular Economy etc.**
- Follow-up and closure of CEN CENELEC & ETSI MoU with BIS
- Closure and signing of the COAI-ETSI MoU
- Preparation of draft Final Report for SESEI 3.
- Participation in the important conferences and events.

Thank you!

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