



Quarterly Report No. 3

(January-March 2020)

Brief Summary

April 2020

Outline

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

Major Updates

Generic:

- [Budget 2020: All ministries to issue quality standard orders, says Finance Minister](#)
- [Government notified 12 electronics products including external hard drive, LED modules, headphones under BIS registration](#)

Smart Cities:

- [Government to release report card of 'smart cities' in June 2020](#)

Electrical Equipment incl. Consumer Electronics:

- [India Plans to Mandate Cyber Security Measures for Power Grids](#)
- [In partnership with NITI Aayog, International Energy Agency \(IEA\) released the first in-depth review of India's energy policies](#)
- [Cabinet approved Production Linked Incentive Scheme for Large Scale Electronics manufacturing](#)

Automotive:

- [2636 EV charging stations sanctioned under Fame India Phase II](#)
- [Government hikes duty on import of electric vehicles by 5-15%](#)

ICT:

- [NITI Aayog released its National Block-chain Policy Draft Paper](#)
- [NITI Aayog will develop a National Data and Analytics Platform \(NDAP\)](#)
- [Government will give 5G spectrum for trials to all players](#)

Key Meetings 1 (3)

Description	Total Until now	Last Qtr (Jan, Feb, March)
External Meetings	84	28
Internal Meetings	30	10

Meeting with BIS :

- **3rd meeting of working group on Active Assisted Living (AAL), BIS:** to finalize the pre standardization study report on Active Assisted Living. SESEI is promoting adoption of EN 301 549
- **17th meeting of Smart infrastructure Sectional committee LITD 28, BIS:** Brief overview of needs from Smart Cities Projects perspective was presented by Joint Secretary and Mission Director, Smart Cities Mission, MoHUA. The other issues discussed were Prioritization of Standards under development in the Committee, and status update from other working groups
- **1st meeting of LITD 34 Smart Manufacturing Sectional Committee of BIS:** SESEI is invited and made part of the committee on Smart Manufacturing. First meeting held to discuss scope of work, review of the Int'l standards development activity at IEC SyC Smart Manufacturing
- **12th 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.

Meetings with DoT and other Government Bodies:

- **Periodic Meetings of the TEC Consultative Committee formed for oneM2M adoption process:** to finalize the report on Adoption of oneM2M standards.
- **Periodic Meetings of TEC WG on "Security by design principle and National Trust Center on IoT":** To discuss the draft ToR of WG
- **Meetings of the Smart Village & Agriculture WG of TEC:** to finalize Technical Report on Smart Village & Agriculture. SESEI provided Input on EU work on this subject
- **WG meetings on Future Communication Technologies in IoT domain:** to study the emerging technologies such as 5G, BLE mesh, etc.'

Key Meetings 2 (3)

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

- **Meeting with Prof. Rd. Monika Schädler & Prof. Joachim from Hochschule Bremen City University of Applied Sciences:** to understand the Standards development scenario in India and also sought inputs in drafting a chapter on “Context, institutions and actors of standardization in India”.
- **Meeting with SIS officials:** to discuss harmonized standardization system & how to benefit from the SESEI project.
- **Meeting with IKEA & SIS representative:** to discuss "How IKEA and SESEI can cooperate in the future and exchanged dialogue around policy and standards.
- **Meeting with India Public Affairs Manager Corporate Communications, IKEA India:** to discuss ongoing issue in India, status update on external stakeholders and advocacy on public policy and Govt. initiatives, how SESEI can help etc.
- **Meeting with Yasmin Zaveri from Swedish Embassy:** Possibility of Cooperation and Collaboration around Standards & related Policy in reference to SESEI meeting with SIS & IKEA.
- **Meeting with EU Delegation Mr. Benoit Sauveroche & with Mr Tonnie De Koster, Advisor, Digital Single Market, DG CONNECT, European Commission :** to discuss 5G Fork/RIT initiative by TSDSI towards ITU
- **Meeting with Mr. Benoit Sauveroche EU Delegation to India:** to discuss future EU-IN ICT standardization project scope & activities.
- **Meeting with Mr. Christian Franz, Partner & Managing Director, CPC Analytics:** to discuss the status of AI in India.
- **Audio Call Meeting with GIZ Officials:** to deliberate on discussion paper on "Standards to enhance foster use of secondary raw material and enhance resource efficiency and circular economy in industry in India" drafted by TERI team.

Key Meetings 3 (3)

Meetings with Project Partners:

- **During visit of Mr. Geert Maes, Customer Solutions Manager – Industry – Electro-technology in the Standards Department of the CEN-CENELEC Management Centre, SESEI organized few meetings with key stakeholders as below:**
 - **Meeting with CEO MAIT** to discuss Electro-technical & Consumer Electronics and other topics of mutual interest in Electro-technical areas.
 - **Meeting with Head Services Sector Department, BIS:** to discuss Services for Services Standardization and other areas of mutual interest.
 - **Meeting with Standardization Head – Electro-technical Division, Bureau of Indian Standards:** to discuss Installation Rules, status of IEC Installation Rules Implementation in Europe, E-Vehicle Charging System Part 1: withdrawn from IEC website.
- Periodic Conference call meetings with the **Indico and ETSI officials are being held to discuss the action points for organising the IoT/M2M Workshop** at New Delhi.
- **Joint Call of CEN-CENELEC-BIS to discuss India Taskforce agenda items**
- **Steering Committee Meeting No. SC#3:** Due to the Covid 19 advisory Steering Committee Meeting No. SC#3 was held virtually. Actions items from the previous Steering Committee meetings and their status update, project administration and management, Budget snapshot and proposals for reallocation of unused budget, etc.
- **CEN-CENELEC Priority India Meeting:** to discuss the action items to be followed up with BIS & MEITY around issues related to Market Access, etc.

Meetings with Industry & Associations:

- **Meeting with BIF Committee on ICT inclusion of Persons with Disabilities (PwD):** to finalize response to DoT, based on the TRAI's recommendation on Accessible ICTs for PwDs.
- **Meeting on Personal Data Protection Bill, 2019 organized by ASSOCHAM:** to seek comments and suggestions from the members

Many more...

Key Events

Description	Total Until now	Last Qtr (Jan, Feb, March)
Events/Seminar/Workshop /Roundtable	50	13

- **6th National Standards Conclave: Standards for Trade Facilitation:** SESEI was invited as an imminent speaker and gave a detailed presentation covering, Global/European Standards, Standardization in Free Trade Agreements, Smart & Better Regulation.
- **7th Edition of the “The 5G Huddle” event organized by Wireless World Research Forum (WWRF) to** review the progress made and the challenges that still remain on 5G Technologies.
 - Adrian Scrase, CTO ETSI was one of the key speakers for 3GPP work on 5G and SESEI shared update on ETSI work on 5G.
- **BIF organized a webinar on adoption of EN 301 549** by the Indian authorities for promotion of providing ICT access to PwD. SESEI was main presenter on Policy, Technology & Standards for Person with Disabilities
- **Panel Discussion on Intellectual Property Rights organized by EBG with Swiss Embassy and K&S partners.**
- **Award Ceremony:** Smart City Empowering India Awards 2020.
- **Workshop on Power Line Communications opportunities for India:** to bring together various stakeholders from industries, utilities and academia who look to leverage PLC as a core technology.
- **India Smart Utility Week (ISUW) 2020:** Purpose of IEC-IEEE Standardization co-ordination, Harmonization of Standards, Electric Vehicles Infrastructure: Utility Challenges, LVDC Standardization Challenges, etc.
- **4th edition of the oneM2M Developers' Tutorials and Hackathon** in Thiruvananthapuram along with CDAC to promote oneM2M implementation
- **Workshop on IMT2020 Technologies organized by TSDSI** to exchange views on IMT2020 Technologies and standardization activities
- **7th Annual Meeting of the Indo-German Working Group on Quality Infrastructure**
- **BIS- IEC workshop being organized by BIS:** Major areas of discussion were Renewable energy, Safety in installation and E-Mobility.

Many More....

Key Queries

Description	Total Until now	Last Qtr (Jan, Feb, March)
No of Queries	33	11

- Addressed a query related to IPRs, with regard to TETRA Air Interface Standards: C-DAC
- Addressed a query related to WTO notification of an Indian standard: European Commission
- Provided Input on Indian Toy regulation: European Commission
- Provided Inputs to draft pre-standardization study report on Active Assisted Living (AAL): BIS
- Addressed a query on Artificial Intelligence (AI): CPC Analytics
- Provided Inputs to EBG position paper: EBG
- Addressed a query regarding Specific Absorption Rate (SAR) and provided assistant in connecting with TEC, DoT officers to discuss the new standard “IEC 62209-3” for SAR measurements: ART-Fi
- Input on expert in Smart Health sector in India: BIS
- Provided inputs to draft document on " Finalizing IoT / ICT standards for Smart cities": TEC
- Provided inputs to Technical Report on Smart Village & Agriculture: TEC
- Provided Inputs to discussion paper on Resource Efficiency standards and labels: GIZ

Quarterly Report: Snap Shot 1 (4)

Generic:

- Budget 2020: All ministries to issue quality standard orders, says Finance Minister
- Union Commerce and Industry Ministry extended **Foreign Trade Policy (FTP) 2015-20** for one year i.e. up to 31st March 2021.
- Government notified 12 electronics products including external hard drive, LED modules, headphones under BIS registration
- No Imports to be allowed in 'Others' Category Without HSN Code: Ministry of Commerce & Industry
- Intellectual Property filings by Startups nearly doubled in six years: Ministry of Electronics and Information Technology (MEITY)

Smart Cities:

- SenRa, a PAN India Low-Power Wide-Area Networks (LPWANs) provider for long range-based (LoRa-based) Internet of Things (IoT) applications, announced the successful deployment of their LoRaWAN Network across 60 cities in India.
- Government to release report card of 'smart cities' in June 2020

Quarterly Report: Snap Shot 2 (4)

Electrical Equipment including Consumer Electronics

- [India Plans to Mandate Cyber Security Measures for Power Grids](#)
- [In partnership with NITI Aayog, International Energy Agency \(IEA\) released the first in-depth review of India's energy policies](#)
- [Cabinet approved Production Linked Incentive Scheme for Large Scale Electronics manufacturing](#)
- [India needs to set up manufacturing base for smart electricity meters](#)
- [India to sell connected consumer devices worth Rs 3.25 lakh crore \(€40.6 billion\) in 2020: Report](#)
- **Office Memorandums (OMs)/Notifications/Guidelines: Government of India**
 - [MNRE Notification Extension - Solar Photovoltaics, Systems, Devices and Components Goods \(Requirements for CR\) Order - Self Certification by Manufacturers](#)
 - [Clarification regarding approved Models and Manufacturers of Solar Photovoltaic Modules \(Requirements for Compulsory Registration\) Order, 2019](#)
 - [Amendment to Guidelines for enlistment under "Approved Models and Manufacturers of Solar Photovoltaic Modules \(Requirements for Compulsory Registration\) Order, 2019](#)
 - [Requests Solar PV Manufacturers & Solar PV Manufacturer Associations to provide list of machinery / capital goods required for inclusion in BCD exemption list](#)
 - [Wind Turbine Models included in the RLMM after declaration of new procedure \(i.e 01 November 2018\)](#)
 - [Guidelines for Grid Connected Solar Rooftop Program under SOURA GRUHA YOJANE \(SGY\) scheme for FY 2019-20.](#)
 - [Office Memorandum regarding setting up of "Renewable Energy Standardization Cell" in MNRE](#)

Quarterly Report: Snap Shot 3 (4)

Automotive:

- 2636 EV charging stations sanctioned under Fame India Phase II
- EESL to set up 10,000 EV charging stations in next 2-3 Years
- Government hikes duty on import of electric vehicles by 5-15%
- Electric vehicle sales in India increased by 20% to 156,000 units in FY20
- German auto giant Mercedes-Benz to launch first fully-electric vehicle in India

- **Notifications: Ministry of Road Transport and Highways (MoRTH):**
 - G.S.R. 37(E) regarding mass emission standards for Di Methyl ether and M85

Quarterly Report: Snap Shot 4 (4)

ICT including services:

- [NITI Aayog released its National Block-chain Policy Draft Paper](#)
- [5G India Forum submits cutting edge report of new 5G radio technologies at ITU meeting](#)
- [NITI Aayog will develop a National Data and Analytics Platform \(NDAP\)](#)
- [Government will give 5G spectrum for trials to all players](#)

- **Ministry of Electronics and Information Technology (Meity) Notifications/Whitepaper:**
 - [Whitepaper on National Open Digital Ecosystems public comments/inputs](#)

- **Reports/White Papers/Recommendations and Consultation Papers by TRAI**
 - [Draft Recommendations on Network Testing before Commercial Launch of Services for Wireline Access Services](#)
 - [Consultation Paper on Traffic Management Practices \(TMPs\) and Multi-Stakeholder Body for Net Neutrality](#)
 - [Consultation Paper on 'Provision of Cellular backhaul connectivity via Satellite through VSAT under Commercial VSAT CUG Service Authorization'](#)
 - [Reforming the Guidelines for Transfer/Merger of Telecom Licenses](#)

Key Draft Standards 1(2)

@ Electrical Equipment including Consumer Electronics

- [ETD 43 \(15472\)](#): Technical Documentation for the Assessment of Electrical and Electronic Products with respect to the Restriction of Hazardous Substances
- [ETD 28 \(15511\)](#): Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance: Part 1 grid connected systems - Documentation, commissioning tests and inspection Amendment – 1
- [ETD 28 \(14750\)](#): Primary optics for concentrator photovoltaic systems
- [ETD 29 \(13234\)](#): COUPLING CAPACITORS AND CAPACITOR DIVIDERS PART 1 GENERAL RULES
- [ETD 14 \(15527\)](#): SWITCHES FOR HOUSEHOLD AND SIMILAR FIXED ELECTRICAL INSTALLATIONS PART 2 PARTICULAR REQUIREMENTS SECTION 5 SWITCHES AND RELATED ACCESSORIES FOR USE IN HOME AND BUILDING ELECTRONIC SYSTEMS HBES

@ Automotive:

At BIS:

- [TED 28 \(14905\)](#): Automotive Tracking Device (ATD) and Integrated Systems Amendment – 2
- [TED 7 \(15257\)](#): Automotive vehicle - All rubber flaps for pneumatic tyres - Specification (Second Revision) Amendment – 1

At ARAI:

- [Draft AIS-161/DF](#): Procedure For Accreditation Of Testing Agencies For Notification Under Rule 126 Of CMVR
- [Draft AIS-160/DF](#): Safety requirements for construction equipment vehicles
- [Draft AIS-156/ DF](#): Specific Requirements for L Category Electric Power Train Vehicles
- [Draft AIS-038 \(Rev 2\)](#) : Specific Requirements for Electric Power Train of Vehicles

Key Draft Standards 2(2)

@Smart City

- [CED 59 \(15244\)](#): Sustainable development of habitats – Vocabulary
- [CED 59 \(15246\)](#): Smart Community Infrastructure-Guidance on Smart Transportation for allocation of parking lots in cities
- [CED 59 \(15247\)](#): Smart Community Infrastructure- Best Practices for transportation-Guidelines

@ ICT

At BIS:

- [LTD 28 \(13502\)](#): Information Technology - Unified Digital Infrastructure - Unified Last Mile Communication Protocols Stack - Reference Architecture (UDI – ULMCPS - RA)
- [LTD 16 \(15296\)](#): Information technology Automatic identification and data capture techniques QR Code bar code symbology specification
- [LTD 4 \(15304\)](#): Organic Light Emitting Diode OLED displays- Part 5: Environmental testing methods
- [LTD 17 \(12162\)](#): DATA PRIVACY ASSURANCE: Part 1 ENGINEERING AND MANAGEMENT REQUIREMENTS
- [LTD 17 \(15071\)](#): Information technology -- Security techniques -- Privacy architecture framework

At TSDSI

- 11 New Item proposals, 2 study items and 17 SWIP (Study Work Item Proposal) under review: TSDSI

Planned Activities for Next Quarters

- Preparation for Steering Committee #3 and planned meetings for SESEI
- Continue working with TEC for adoption of oneM2M standards
- Preparation and Organisation of the OneM2M / IoT workshop in India
- Policy & NEWS Updates
- Follow-up on the India Taskforce workshop action points
- Participation in the important conferences and events

Thank you!

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