Quarterly Report No. 1

(July- September 2019)

Brief Summary

October 2019

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:

- Bureau of Indian Standards (BIS) launched an online directory, providing information about Indian standards of various products and testing infrastructure

- Indian Parliament has passed new Consumer Protection Bill, 2019 which aims to provide the timely and effective administration and settlement of consumer disputes

- Ministry of Commerce and Industry has notified "Patents (Amendment) Rules, 2019"

Smart Cities:

- Ministry of housing and urban affairs (MoHUA) is likely to launch smart city 2.0 mission in 2020 & planning to monetize data collected by smart cities

Electrical Equipment incl. Consumer Electronics:

- Ministry of Power (MoP) has issued a vision document which charts the way forward for India's power sector

- Energy Efficiency Services Limited (EESL) has successfully installed over 5 lakh smart meters across India

Automotive:

- Government invited proposals for deployment of EV charging infra under FAME II

- Central Electricity Authority (CEA) issued safety guidelines specifically for EV charging stations

ICT:

- Department of Telecommunications (DoT) has issued Guidelines for 5G trials across all available Spectrum bands

- Ministry of Electronics and Information Technology (MEITY) has sought inputs from selected stakeholders on draft data protection Bill

- Government plans to release Cybersecurity Policy in January 2020

- DoT has released an office memorandum regarding setting up a new division for promoting Standardization, R&D and innovation (SRI).

Key Meetings 1 (3)

Description	Total Until now	Last Qtr (July, Aug, Sept.)
External Meetings	28	28
Internal Meetings	7	7

Meeting with BIS :

- **Meeting with BIS International Relations Department** to discuss status of ETSI, CENCENELEC MoU with BIS and Joint Workshop between BIS and CEN CLC.

- **Meeting with the IRD and ETD division of Bureau of Indian Standards (BIS)** to discuss MoU with IRD and EN-115 upgrade and Machinery safety standards copyright agreement.

- **5th meeting of LITD 13 of Bureau of Indian Standards (BIS)** to review of composition of sectional committee/panel, published Indian Standard, International activities, etc.

Meetings with DoT and other Government Bodies:

- **Meeting OF TEC Consultative Committee formed for adoption of OneM2M specifications** to discuss the comments received from OCF, SMASING, TCS, TCIL. SESEI conveyed the importance of oneM2M for India and its smart cities rollout and address queries addressed by the stakeholders.

- **TEC meeting on " Finalizing IoT / ICT standards for Smart cities".** Remote meeting of the members of the M2M working group to discuss the draft document prepared on the basis of inputs received for finalization of IoT / ICT standards for Smart Cities in India.

- **Audio meeting of the TEC Consultative committee formed for OneM2M adoption process** to decide the further course of action on the comments received and study of OneM2M documents.

- **TEC meeting on 'Formulation and adoption of Volunteer Code of practice (VCP)** under Approach towards Sustainable Telecommunications. SESEI is working closely with TEC on the subject of Green Telecom while promoting adoption of ETSI standards

- **TEC, conference call meeting of NWG-20 for finalizing contributions for submission to ITU-T, SG-20**: SESEI is a member of the National Working Group and regularly contributes towards the various activities, providing information on European standards and the work done in the specific field.

Key Meetings 2 (3)

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

- **Meeting with Mr De Vroey Christophe**, **Trade Counsellor EU Delegation to India** to discuss status of Govt-to-Govt MoU on Automotive and extend possible help.

- **Meeting with Mr. Benoit Sauveroche, First Counsellor from EU Delegation to India** to discuss the ambition and expected outputs of the ETSI MoU with BIF & Security Week in India & other ongoing ICT topics such as 5G, IoT etc.

- **Video Conference hosted by the EU Delegation to India, for discussion with DG Connect**: meeting between DG CONNECT and the European telecom industry in India to discuss on the JWG topics, gather industry feedback , etc.

Meetings with Project Partners:

- Meeting with DG ETSI and Director Strategy Development, ETSI to discuss important meetings scheduled in Bangalore & Delhi with the IoT stakeholders.

- Conference call with Xavier Piednoir, ETSI and Mr. Sachin Gaur Local Coordinator EU ICT project to discuss the TSDSI Proposal for India Mobile Congress 2019 for standards focused workshop.

- **India Task Force** Meetings to discuss the upcoming workshop in India with BIS and market access related issues

- **ETSI Board Meeting**: SESEI presented update on the SESEI IV Project.

- **Steering Committee Meeting No. SC#1**: Steering Committee meeting SC#1 was held on 27th Sept 2019 at CCMC Office, Brussels

Key Meetings 3 (3)

Meetings with Industry & Associations:

- Meeting between ETSI and IISc Prof. to understand the scope of IISc proposal towards developing IUDX while using oenM2M and NGSI-LD Standards

- Meeting with DG TSDSI and Reliance Jio officer in TSDSI capacity of Chairmen WG regarding the IPR issues concerning adoption of OneM2M specifications as National standards in India

- Conference call meetings on OneM2M Workshop: Various conference call meeting of "ETSI Officials with CDoT, TSDSI and SESEI" were held to finalise the agenda, topics and suggested speakers for the two days OneM2Mworkshop in India in end August 2019.

- Meeting with officials from Broadband India Forum (BIF) to discuss the way forward to execute the key points of the MoU signed between ETSI and BIF.

- Meeting with official of the International Railway Summit to discuss the possible session for SESEI as a speaker representing CEN CENELEC on Rail Standards

Many more…

Key Events

Description	Total Until now	Last Qtr (July, Aug, Sept.)
Events/Seminar/Workshop/Roundtable	23	23

- **5th International Conference on "Innovation for Shared Prosperity**: Past Tense, Present Perplexed, Future Perfect". SESEI addressed the delegates on European Standardisation System, FRAND & Global Harmonization

- **5G Congress 2019**: SESEI participated in the panel discussion on "Role of Indian Academia, R&D and Standards in Global 5G Ecosystem and Use Cases"

- **Digital Governance Tech Summit - 2019 organised by Microsoft India**: SESEI participated in the roundtable on 'IT Accessibility policy for Empowerment of Persons with Disabilities' – en 301 549

- **5G Leadership Summit Mumbai**: SESEI expert gave presentation on "Are We Ready For 5G Deployment - Regulation, Standards and Spectrum Focus".

- **ICRIER Stakeholder Consultation on "The Role of Standards in Diffusion of Emerging Technologies: Internet of Things (IoT)"**: SESEI shared his views and insights on the need for standards in IoT, specially for the Common Service Layer

- **CII 5G Digital India TELECOM Convergence Summit 2019**: SESEI participated in session on Collaboration and innovation in 5G and stressed on the need for SDO's to work together on a global platform like 3GPP to encourage collaboration on emerging technologies.

- **Launch of European Economic Group (EEG)**: EEG is launched as a multi-stakeholder working group and is positioned as a single European business voice in India - SESEI on invite joined the group as ICT Expert. Other sectors for Ph-1 include Railways, Retail and Legal Meteorology.

- **TEC workshop's on OCF inter working with OneM2M**: TEC for adoption of OneM2M specifications for IoT in India.

- **TSDSI-NSGM Workshop on "Leveraging 5G and Cloud for Smart Grids - India Context":** The TSDSI workshop deliberated on evolving opportunities to leverage emerging technologies in 5G and Cloud, for smart grids.

- Webinar on IoT Security organized by ICT Project Instrument of EU Delegation to India: Deputy Director General (Smart Networks), Telecom Engineering Centre, DoT, India, gave a presentation covering Importance of IoT/M2M in Smart city mission India.

- Webinar by Pmanifold on Understanding EV customers: What is required to increase EV adoption in Indian cities?

Many More….

Key Queries

Description	Total Until now	Last Qtr (July, Aug, Sept.)
No of Queries	12	12

Generic:

- Provided data from Bureau of Indian Standards (BIS) for International Standardization Status: CEN CENELEC

- Provided information on Horizon 2020: Vyom Digital Services Pvt. Ltd.

- Information on BIS certification for export of steel from Belgium to India: KODDAERT NV

- Help to identify an Indian expert for conducting a comparison study on National Quality Infrastructure (NQI) between China and South Asian countries: Chengdu Institute of Standardization, China

- Information on work being done around Resource Efficiency (RE) and Circular Economy (CE) Standards in Europe: GIZ

ICT:

- Information / Inputs on IoT Policy: Meity

- Information on spectrum band used for monitoring equipment in Railway: Troika Transolutions

- Provided information on expert in WPC and ETA: Belgian Embassy

- Information regarding ETSI membership: TEC

- Provided inputs/response to the list of questions related to IoT: ICRIER

- More information on oneM2M, IoT suppliers who could help me to do the trial so that I could procure these Sensors and gateways locally

Smart Manufacturing/Industry 4.0:

- Information on policy initiatives around Industry 4.0 in India & Europe: Institute of Directors, Hyderabad Regional Office

Quarterly Report: Snap Shot 1 (4)

Generic:

- Ministry of Consumer Affairs launched an online directory, providing information about Indian standards of various products & testing infrastructure

- Parliament passes new Consumer Protection Bill 2019: The bill seeks to establish a Central Consumer Protection Authority (CCPA) to promote, protect and enforce consumer rights.

- Commerce ministry to soon come out with new foreign trade policy for the next five financial years 2020-25

- Ministry of Commerce and Industry has notified "Patents (Amendment) Rules, 2019"

- World Trade Organization (WTO) reforms must be taken up by all countries: India

Smart Cities:

- Ministry of housing and urban affairs (MoHUA) is likely to launch smart city 2.0 mission in 2020

- MoHUA is planning to monetize data collected by smart cities

- As per Economic Survey 2018-19, Projects worth over Rs 2.05 lakh crore (~26 bn Euro) are proposed in 100 cities under the Smart Cities Mission and a significant progress has been made in terms of implementation of these projects

Quarterly Report: Snap Shot 2 (4)

Electrical Equipment including Consumer Electronics

- Ministry of Power (MoP) has issued five Year Vision Document for Power Sector

- Energy Efficiency Services Limited (EESL) has successfully installed over 5 lakh smart meters across India

- India would overachieve Paris Agreement targets by 60% by 2030: IEEFA

- **Office Memorandums (OMs)/Notifications/Guidelines: Government of India**

  - Notification on BIS Registration Exemption for SPV Modules used in old SPV Power Projects

  - Guidelines on implementation of Phase – II of Grid Connected Rooftop Solar Programme for achieving 40 GW capacity from Rooftop Solar by the year 2022

  - Amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Solar PV Power Projects

  - Notification on declaration of ocean energy as Renewable Energy

  - MNRE invites Startups and innovators to join the journey towards Sustainable Energy future

  - Modifications in Scheme for "Development of Solar Parks and Ultra Mega Solar Park Scheme"

  - Amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Wind Power Projects

Quarterly Report: Snap Shot 3 (4)

Automotive:

- Government of India introduced New Motor Vehicles (Amendment) Bill 2019

- Department of Heavy Industry has approved the sanction of 5595 electric buses to 64 Cities, under FAME II India scheme phase

- Govt. invites proposals for deployment of EV charging infra under Faster Adoption and Manufacturing of Hybrid and Electric Vehicles (FAME-II) scheme

- Govt. eyes newer EV battery technologies to retain energy security

- E-mobility mission to be implemented in phases based on auto industry feedback

- Central Electricity Authority (CEA) issued safety guidelines specifically for EV charging stations

- **Ministry notifications:**
  - Notification no. G.S.R 523(E) regarding registration fee for vehicles
  - Notification no. G.S.R 521(E) regarding Microdot
  - Notification No. G.S.R 511(E) regarding Inclusion of NATRAX as test agencies
  - Draft Notification No. G.S.R. 512 (E) regarding High Security Registration Plate
  - Draft Notification No. G.S.R. 510 (E) regarding BS VI
  - Draft Notification no. G.S.R 439(E) regarding vehicle location tracking device

Quarterly Report: Snap Shot 4 (4)

ICT including services:

- Department of Telecommunications (DoT) has issued Guidelines for 5G trials across all available Spectrum bands Cabinet

- Ministry of Electronics and Information Technology (MEITY) has sought inputs from selected stakeholders on draft data protection Bill

- MEITY whitepaper to seek opinion on non-personal data

- Government plans to release Cybersecurity Policy in January 2020

- Digital Communications Commission (DCC) approved a Series of Measures approved to increase ICT access to PwD

- **White papers, Consultation papers, Recommendations/Reports released by TRAI, DoT & TEC**

  - DoT has released an office memorandum regarding setting up a new division for promoting Standardization, R&D and innovation (SRI)

  - Notification for launch of Mandatory Testing and Certification of Telecom Equipment (MTCTE)

  - Notification for acceptance of test reports from labs accredited by ILAC signatories

  - Notification for revision of MTCTE procedure exemptions/relaxations

  - TRAI released report on Wireless Data Services in India

  - Yearly Telecom Services Performance Indicator Report-2018

  - Consultation Paper on Developing a unified numbering plan for fixed line and mobile services

  - Consultation Paper on Reforming the Guidelines for Transfer/Merger of Telecom Licenses

Key Draft Standards 1(2)

@ Electrical Equipment including Consumer Electronics

- ETD 13 (11300): ac STATIC WATTHOUR METERS CLASS 1 AND 2-Specefication

- ETD 11 (13836): Secondary Cells and Batteries for Solar Photovoltaic Application — General Requirements and Methods of Test Amendment – 1

- ETD 11 (14156): Secondary cells and batteries for renewable energy storage general requirements and methods of test part 1: Photovoltaic Off-grid Application

- ETD 11 (14603): Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 1 Performance Testing

- ETD 42 (14438): Wind Energy Generation System Part - 1 : Design Requirements

- ETD 28 (12562): Photovoltaic devices Part 8-1: Measurement of spectral responsivity of multi-junction photovoltaic PV devices

- ETD 18 (14670): Industrial communication networks Part 3 Network and system security Sec 3: System security requirements and security levels

@ Automotive:

At BIS:

- TED 11(14352): Retro-reflecting devices for power driven vehicles and their trailers

- TED 4 (14661): Automotive Vehicles — Uniform Provisions Concerning the Approval of Vehicles of Categories M2, M3, N and T with Regard to Braking (Third Revision) Amendment – 1

- TED 7 (14701): Automotive vehicles - Retreading of tyres by the pre-cured Process-Specification(First Revision) Amendment - 1

Key Draft Standards 2(2)

@Automotive

At ARAI:

- [Revised Draft Amendment 9 to AIS-037](#): Procedure for Type Approval and Establishing Conformity of Production for Safety Critical Components

- [Draft AIS-038 (Rev.2)/D1](#): Specific Requirements for Electric Power Train of Vehicles

- [Draft AIS-156 / D1:](#) Specific Requirements for L Category Electric Power Train Vehicles

@ ICT

At BIS:

- [LTD 17 (14243):](#) Information Technology Security Techniques Random Bit Generation Amendment – 1

- [LTD 14 (14373):](#) Information technology Data centres Key performance indicators Part 1: Overview and general requirements

- [LTD 14 (14376):](#) Information technology Data centres Key performance indicators Part 3:Renewable energy factor REF

- [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

At TSDSI

- 5 New Item proposals and 10 SWIP (Study Work Item Proposal) under review: TSDSI

Planned Activities for Next Quarters

- Quarterly Report, Newsletter – India and Europe

- Policy & NEWS Updates

- Continue working with TEC for adoption of oneM2M standards

- India Taskforce workshop with BIS (November'2019)

- India Mobile Congress 2019, Standards track with TSDSI

- Representing CEN/CENELEC at 8th International Railway Summit

- Participation in the important conferences and events

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