Quarterly Report No. 9

Brief Summary

July' 2018

Outline

❑ Major Updates

❑ Key Meetings, Events & Queries (Activity Tracker)

❑ Quarterly Report – Snap Shot

❑ Key Draft Standards Under Wide Circulation

Major Activities

❑ **Generic:**

— Indian Government mandates stringent Quality Control Order for Solar Equipment

— Ministry of Electronics and Information Technology (MeitY) released Modified Market Surveillance Process

— Bureau of Indian Standards (BIS) has notified Conformity Assessment Regulations, 2018

❑ **Smart Cities:**

— Ministry of Housing and Urban Affairs selected Shillong (Meghalaya) as 100th smart city under smart city mission and with this announcement selection of 100 cities has been completed.

— ABB India signs MoU with IIT Roorkee for Smart Cities mission pilot Project

❑ **Electrical Equipment incl. Consumer Electronics:**

— Ministry of Power announced that all electricity meters will become smart prepaid meters in next 3 Years.

— Indian government steps up focus on electronics exports, new policy to outline measure

❑ **Automotive:**

— Government proposed to set up charging stations for Electric Vehicles every 3 kilometers.

— Government may soon consider FAME-II scheme with Rs 9,381 cr (1.17 euro billion) outlay

— National Institution for Transforming India (NITI Aayog) submits draft Cabinet note on zero-emission vehicle & ancillary technology.

❑ **ICT:**

— Department of Telecommunications (DoT) released draft National Digital Communication Policy 2018 for Public comments/Inputs.

— Ministry of Electronics & Information Technology (MeitY) has notified "Information Technology (Information Security Practices and Procedures for Protected System) Rules 2018

Key Meetings 1(6)

Description	Total Until now	Last Qtr (April, May, June)
External Meetings	241	45
Internal Meetings	99	5

Meeting with BIS

- Generic:

- Meeting with Senior officials of BIS to seek their support and cooperation for the 3rd Indo- European Conference on Standards & Emerging Technology

- Smart City:
- Meeting of LITD 28 - Smart infrastructure Sectional Committee (2nd & 3rd): SESEI expert is a member to this TC and contributes EU work such as oneM2M Common Service Layer architecture and other related work.

- Electrical Equipment including Consumer Electronics:
- Meeting of Power System Control and Associated Communications Sectional Committee, LITD 10. SESEI attended this meeting to take a review of their ongoing activities and work/join their committee of relevance to EU work around this subject.
- Meeting with Head of BIS MED to discuss the Niti Aayog Model Concession Agreement (MCA) Document.

- Automotive:
- Eighth Meeting of the Intelligent Transport System Sectional Committee, TED 28
- Meeting of National ITS Committee: SESEI Expert shared the EU work around ITS

Key Meetings 2(6)

Meetings with DoT and other Government Bodies:

- Electrical Equipment including Consumer Electronics:

• Meeting with consultant, PPP cell, NITI AAYOG to discuss the CEN Standards for the Ropeways.

- ICT:

• Meeting of High Level Forum (HLF) on 5G Education Awareness & Promotion with Mr. N. Sivasailam, Special Secretary, DoT to discuss the progress of the forum.

• Meeting with Mr. B.M.Baveja, Sr. Director & Group Coordinator, R&D in IT and CC&BT, DeitY to discuss areas of cooperation and collaboration.

• Meeting with Honourable Minister, Mr Hardeep Singh Puri, Ministry of Housing and Urban Affair: SESEI used this platform to share the EU work around the subject of M2M/IoT.

Key Meetings 3(6)

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

- Generic:

- Meeting with Mr. Rijoy Sengupt, Regional Manager (North), German Engineering Federation (VDMA): introduction and understanding of SESEI Project and its activities in India.

- Meeting with GIZ team to provide inputs and discussion on Standards and Technical Regulation.

- Interview with UK agency on Consumer Safety Rules

- ICT:

- EBG Telecom Sector Committee Meeting to ascertain the purpose and objectives of sectoral committee, status of the past work/issues undertaken, current Issues of the Industry

- Meeting with EU Delegation officials headed by EU Ambassador: Handover M2M Papers

Key Meetings 4(6)

Meetings organized and attended with EU delegation at sidelines of 3rd Indo-European Conference on 26th April 2018

- Generic:

- Meeting between Steering Committee members of the Project SESEI stakeholders and EU Delegation offices to India to discuss the issues on, EU INDIA FTA, Ongoing Close cooperation between SESEI and EU Delegation office, etc.

- Meeting between BIS and DG Grow, European Commission to discuss the ongoing cooperation between BIS and Project SESEI and to identify other areas of mutual interest.

- ICT:

- Meeting between SC# Members and TSDSI to primarily discuss Ongoing Cooperation with project SESEI, updates on the activities, working with EU-INDIA ICT PI etc.

- Meeting between DG Grow European Commission, ETSI & Project SESEI team along with CDOT officials on cooperation between CDOT and Project SESEI and to identify further areas of cooperation.

Key Meetings 5(6)

Meetings with Industry & Associations

- Generic:

- Review Meeting with CII for 3rd Indo-EU Conference on Standards and Emerging technology

- Electrical Equipment including Consumer electronics:

- Meeting with Mr. Reji Kumar Pillai, Chairman ISGF on the occasion of signing of the MoU between CENCENELEC and ISGF (India Smart Grid Forum)

- Meeting with Mr. Saleem Ahmed, Vice President-Business Development and Mr. Mahpatra, Head of Sector Council at Electronics Sector Skills Council of India (ESSCI) to explore synergies.

- Automotive:

- Meeting with Mr. Rahul Bagdia of Pmanifold to discuss the SESEI's outlook on EV's growth in India and to provide the Regulatory and Policy Landscape around Electric Vehicles (EVs) in India.

Key Meetings 6(6)

-ICT:

- Meeting with Key Representatives of IEEE India to discuss the progress and update of the ICT Standardisation activities by TSDSI, BIS, TEC and especially 5G HLF initiative

- Meeting of BIF Hi-Level Committee on ICT for Inclusive ability (PwDs): during the meeting SESEI expert the Co- Chair of the Committee shared update on the work carried out by European Standardization Organizations (ESOs) – CEN, CENELEC and ETSI

- IET – IoT Meetings:
  - Conference Call Meeting of IET IoT Panel Security WG: to set the scope and ToR for the Security Panel.
  - Conference Call meeting of SLR WG to discuss the flow of track around Standards during the IET IoT Congress 2018
  - Conference call with Dr. Arvind Tiwary, Chair of the Security Working Group, IET IoT Panel WG on Cyber Security

- Internal Meetings with SESEI Project Partners:

- Coordination call with Eric Marchand (CCMC) to review the status of pending items

- Periodic review of the action items and pending actions for the organization of the 3rd Indo-European Conference on Standards & Emerging Technology & Finalization of Study Reports

- Steering Committee Meeting No. SC#7: The SC#7 was held in India for the first time at the sidelines of EU-INDIA conference.

Key Events 1(2)

Description	Total Until now	Last Qtr (April, May, June)
Events/Seminar/ Workshop/Roundtable	126	125

Generic:

- **Organized: 3rd Indo-European Conference on Standards & Emerging Technology:** CEN, CENELEC, ETSI, DG GROW and EFTA in the framework of its Project SESEI along with Confederation of Indian Industry (CII) are organized the 3rd Edition of Indo-European Conference on Standards and Emerging Technology on 26th April, 2018 at Hotel The Lalit, New Delhi.

- **Attended: 5th National Standards Conclave with the theme "Implementing the Indian National Standards Strategy":** SESEI attended as a Panellist in the session on " Standards Development - Strengthening the National Framework.

- **Attended: CxO Forum on Standardizing the Digital Space:** The main focus of the forum was to define the standardization needs and processes in the country to promote digital transformation.

ICT:

- **Attended:** SESEI Participated in **ITU-APT roundtable** as the agenda was focused on the 5G spectrum bands.

- **Speaker:** SESEI attended 31st Global ICT Standardization Forum for India (GISFI) meeting as a Keynote speaker.

Key Event 2(2)

- **Attended:** SESEI attended the TRAI Open house on the Consultation paper on **"Making ICT Accessible for Persons with Disabilities"** as released by them

- **Attended**: SESEI attended **"EBG leadership series 2018"** for the purpose of knowledge as Energy (Electrical) and E-Mobility (Automotive) are part of priority sectors.

- **Attended:** SESEI attended **"IEEE 5G Technology Workshop"** to understand the 5G topic, work and actvities addressed by Industry, policy maker and SDOs like IEEE.

- **Speaker: 5G India Congress 2018** : On behalf of ETSI and 3GPP, SESEI gave a detailed presentation on 5G Standards (The why, when, where, what and how)

Machinery:

- **Attended**: SESEI attended **"VDMA Members Meet - Northern Region"** and extended an opportunity to connect with German and Indian Industry and as well insight into the GIZ work around Standards, legislation and safety around Machinery

Key Queries 1(2)

Description	Total Until now	Last Qtr (April, May, June)
No of Queries	168	28

- **Generic:**

• Inputs on the Indian consumer product safety system for a study on consumer product safety in April commissioned by UK consumer organisation RAND Europe

• Inputs on creation of Action Plan/guidelines for India's participation in the global SDO's meetings: IIT Madras

- **Smart Cities:**

• Details on BIS List of IEEE Standards on Smart Grid, Power Systems, Renewables and Cyber Security: Siemens India

- **Electrical Equipment Including Consumer Electronics:**

• Inputs on EV Charging Docks for Public Transport Buses & Taxis: Department of Science and Technology (DST)

• Query on Equipment Type Approval (ETA) requirements for imports to India (under custom tariff -8517.62.10 PLCC equipment): Delegation of EU in India & Embassy of the Republic of Slovenia, New Delhi

• Provided a summary overview list of IEEE standards which are under discussion at BIS for adoption: Siemens Germany

Key Queries 2(2)

- Automotive:

- Provided drafted report on "Intelligent Transport System (ITS) in Europe": Chairman of Technical Committee at BIS asked SESEI to prepare a brief report on ITS in Europe covering Policy and Standardization updates.

- ICT:

- Shared various reports on Industry & Residential Front along with a presentation covering update on work from 3GPP, oneM2M, ETSI etc.: Huawei India

- Shared Information on cloud interop standardisation: Vodafone India

- Provided information on Wireless Planning & Coordination (WPC) requirements for GPS devices and Wireless Sensors (433Mhz): Strategic Alliance & Business Development Anstel Private Limited

- Provided details of the IoT / M2M Guidelines issued by TEC and the essential requirements and certification approval guidelines on the IoT related subjects: Vyom Technologies

- Inputs on the National Digital Communications Policy 2018: EBG, FICCI etc.

Quarterly Report: Snap Shot 1(4)

Generic:

- Indian government mandates stringent quality control order for solar equipment

- Government has extended the deadline for mandatory local telecom equipment testing to March 31, 2019

- India imposes 10 percent tax on import of key smartphone components

- Ministry of Electronics and Information Technology (MeitY) releases Modified Market Surveillance Process

- Bureau of Indian Standards (BIS) notified Conformity Assessment Regulations, 2018

- BIS published new Standards on Information and Documentation RFID in libraries

- BIS Issues revised Unified Test Report Format for Products covered under CRO

Smart Cities:

- Shillong (Meghalaya) has been selected as 100th smart city under smart city mission and with this announcement selection of 100 cities to be developed as smart city has been completed.

- Urban Transformation take lead, put safety & waste disposal in back seat

- ABB India signs MoU with IIT Roorkee for Smart Cities mission pilot Project

Quarterly Report: Snap Shot 2 (4)

Electrical Equipment including Consumer Electronics:

- All electricity meters in India will become smart prepaid meters in the next three years : Ministry of Power

- Indian govt steps up focus on electronics exports, new policy to outline measures

- Ministry of New and Renewable Energy (MNRE) released following clarifications/notifications:

  - Revised notification for implementation of Solar Photovoltaics, Systems, Devices, and Component Goods Order 2017

  - "Quality control order of Solar Photo voltaic Systems, Devices and Components Goods"

  - Clarification on charging infrastructure for Electric Vehicles with reference to the provisions of the Electricity Act, 2003

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

Automotive:

- Charging of batteries of electric vehicles through charging station does not any require licence under the provision of the Electricity Act 2003 : Ministry of Power (MoP)

- Government may soon approve Rs. 9,381 Crore (1.17 euro billion) for FAME-II to boost adoption of energy-efficient vehicles in the country.

- Government postponed the mandatory requirement to have Global Positioning System (GPS) for all public transport service vehicles till April 1, 2019.

- NITI Aayog has submitted a draft Cabinet note on developing a strategy for zero emission vehicles and ancillary technology, in order to promote electric vehicles

Quarterly Report: Snap Shot 3(4)

ICT :

@ Department of Telecom (DoT), Ministry of Communication

- DoT released draft National Digital Communication Policy 2018
- DoT issued 13-digit numbers to telecom operators for the trial of machine-to-machine (M2M) communications like smart electric metres and car tracking devices
- DoT made some changes to India's internet telephony guidelines

@ Policies/Regulations/Key Notifications/Clarifications released by Government of India

- MeitY has notified "Information Technology (Information Security Practices and Procedures for Protected System) Rules 2018
- NITI aayog released discussion Paper on National Strategy for Artificial Intelligence
- Task Force on Artificial Intelligence (AI) set up by MoCI recommended establishment of national mission for coordinating AI-related activities across India

Quarterly Report: Snap Shot 4(4)

@Telecom Regulatory Authority of India – TRAI :

- **Consultation Papers:**

  - Draft Telecommunication Tariff (64th Amendment) Order, 2018
  - Draft Telecommunication Consumers Education And Protection Fund (Fourth Amendment) Regulations, 2018
  - Draft Telecom Commercial Communications Customer Preference Regulations, 2018
  - Draft Telecommunication Interconnection (Amendment) Regulations, 2018'

- **Recommendations:**

  - TRAI's Response to DoT's back-reference on Recommendations on 'In-Flight Connectivity'
  - TRAI releases Recommendations on ''Next Generation Public Protection and Disaster Relief (PPDR) communication networks''

- TRAI and BEREC (Body of European Regulators for Electronic Communications) inked a memorandum of understanding (MoU) on net neutrality.

Key Draft Standards 1(2)

@ Electrical Equipment including Consumer Electronics

- ETD 14 (12610) : Connecting devices for low-voltage circuits for household and similar purposes – Part 1: General requirements

- ETD 52 (12426) : Electrical Energy Storage Systems: Safety Requirements

- ETD 25 (11981) : Escalators and moving walks : Part 1/Section 1 Safety requirements (First Revision)

- ETD 07 (12493) W : In-cable control and protection device for mode 2 charging of electric road vehicles

- ETD 14 (12684) : Power Track System Part 1 General Requirement

- ETD 28(12568) : Photovoltaic systems – Design qualification of solar trackers

@ Automotive:

At BIS:

- TED 28 (12783) : Intelligent Transportation System (ITS): Reverse Parking Assist System (RPAS) [ICS 35.240.60; 43.040.15]

- TED 4 (12266)W : Draft Indian Standard AUTOMOTIVE VEHICLES – BRAKE LININGS IS 2742 (PART 6) – COMPRESSIVE STRAIN TEST METHODS

Key Draft Standards 2(2)

@ Automotive

At ARAI:

- Draft Amd.1 to AIS-145: Additional Safety features for Category M & N Vehicles

- Draft AIS-017(Part 6): Procedure for Establishing Whole Vehicle Safety Conformity of Production (WVSCOP) for L1, L2, L5, M & N category of vehicles

@ ICT

At BIS:

- LITD 02 (12619): Guide for Equipment Reliability Testing Part 7 Compliance Tests for Constant Failure Rate and Constant Failure Intensity (Second Revision) ICS :03.120.30; 19.020; 21.020

- LITD 17 (12701): Information Technology- Security Techniques – Information Security Incident Management – Part 1: Principles Of Incident Management

- LITD 10 (10187): Guideline for Distribution Management System in the Context of Electrical Utilities.

At TSDSI

- 1 New Items, 13 SWIP (Study Work Item Proposal) and 2 Study item (SI) under review: TSDSI

Thank you!

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