Annexure 2

Activity Tracker & Queries for the period of 'October-December 2020'

Quarterly Report No. 06

Sr. No.	Description	Total Until now	In Last Quarter
1	External Meetings	175	26
2	Internal Meetings	53	10
3	Events/Seminar/Workshop/Roundtable	174	42
	Total	**402**	**78**
4	No of Queries	66	13

SESEI-IV

Quarterly Activity Update: October, November & December 2020

Sr. No	CAT	Date	Meetings/Events:	Subject:	Outcome:	What Next	Status	Sector
1	E	01-12-2020	CEN-CENELEC Webinar "European standards addressing material efficiency aspects"	(CEN-CLC/JTC 10) organised a webinar to present how standards could be used by product-specific Technical Committees when developing product-specific or product group standards addressing material efficiency aspects.	CEN-CENELEC Joint Technical Committee 10 on Energy-related products - Material Efficiency Aspects for Eco-design (CEN-CLC/JTC 10) developed a group of eight standards containing generic principles to consider when addressing the material efficiency of energy-related products, such as extending product lifetime, ability to reuse components or recycle materials from products at end-of-life, and use of reused components and/or recycled materials in products. In this context, the aim of this webinar was to present how these standards could be used by product-specific Technical Committees when developing product-specific or product group standards addressing material efficiency aspects.	N/A	Closed	Circular Economy & Material Efficiency
2	M	02-12-2020	Meeting of the TED Division Council of BIS to discuss comments received from ARAI & NHAI for amendment 2.	Transport Engineering Department (TED) of BIS organized a virtual meeting of members of panel on RFID to discuss comments received from ARAI & NHAI for amendment 2.	Transport Engineering Department of BIS organized a virtual meeting of members of panel on RFID (Radio Frequency ID) to discuss comments received from ARAI (Automotive Research Association of India) & NHAI (National Highway Authority of India) for amendment 2.	Continue working with BIS as a member of this panel and provide inputs /suggestions	Closed	Automotive
3	M	02-12-2020	16th meeting of Electronics & IT	Sixteenth meeting of Power System Control and	In consultation with Shri Pankaj Batra, Chairman LITD 10 ,the Sixteenth meeting of Power System	Continue support	Closed	Electrical Equipments

			Department - LITD 10 'Power System Control and Associated Communications', Hosted by LITD, Bureau of Indian Standards	Associated Communications Sectional Committee in joint session with all its panels and Smart Energy Sub-Committee	Control and Associated Communications Sectional Committee in joint session with all its panels and Smart Energy Sub-Committee was held as a virtual meeting . **The agenda for the meeting was as below:** ITEM 1: Confirmation of the minutes of previous meeting ITEM 2: Composition of sectional committee/panel(s)/sub-committee ITEM 3: Review of Published Indian Standards ITEM 4: Review of Activities of 6 working panels of LITD 10 ITEM 5: Review of Indian standards published by LITD 10 and along with the standards on which they are based (IEC) ITEM 6: International work ITEM 7: Smart Energy Sub-Committee ITEM 8: National Institute for training in standardization (NITS) ITEM 10: Any other business	activities of this committee of BIS		Including Consumer Electronics
4	I	02-12-2020	Meeting No. #9, Called by CEN-CENELEC for India Taskforce	A meeting was called by CENCENELEC to discuss agenda items for the India Taskforce.	During the meeting following agenda items were discussed: - Updates: SESEI, Project India, Priorities: SESEI expert shared a presentation covering updates around European Business Group Position Paper, draft book Chapter on standards in India - Action Plan 2021 - SESEI CEN & CENELEC priorities - Next steps and future meetings	N/A	Closed	ALL
5	M	04-12-2020	BIS Meeting of the Electronics & IT	BIS organised the 1st Meeting of Active Assisted	LITD 35 is the National mirror committee (NMC) of IEC SyC Active Assisted Living. This Sectional	Continue working as a	Closed	ICT

			Department - LITD-35 Active Assisted Living	Living Sub-Committee, LITD 35(e-Meeting, through WebEx) on 4th Dec 2020	committee, LITD 35 AAL has been constituted to- a. mirror the work of IEC SyC Active Assisted Living to address India specific requirements in the standardization activities of IEC SyC Active Assisted Living; also b. identify the Standardization, need at the national level and propose the same to the Sectional committee **The agenda and discussions held during the meeting are as under:** - International Standardization activities including IEC SyC AAL - Scope, IEC SyC AAL – Structure and Indian participation, Projects and Publications under IEC SyC AAL and IEC SyC AAL – Meetings - Discussion on standardization roadmap of LITD 35	member of LITD 35 and provide inputs/sugge stions on EU work around AAL		
6	E	04-12-2020	ASSOCHAM organised a webinar on the "India-Germany bilateral collaboration in the AI Sector"	Artificial Intelligence was one of the focus sectors highlighted by the two leaders Prime Minister Narendra Modi and Chancellor Angela Merkel during the 5th Inter Governmental Consultation meeting between India and Germany meeting in November 2019.	Germany is India's largest trade and investment partner in Europe. India's exports were US$ 8.90 bn and imports were US$15.16 bn in 2018-19. Bilateral trade grew 9.46 percent from 2017-18 to 2018-19 from US$ 21.98 billion in 2017 -18 to US$ 24.06 bn in 2018-19. Germany is the 7th largest foreign direct investor in India since April 2000 FDI amounting to US$ 12.23 bn. To further strengthen India-Germany bilateral collaboration in the AI Sector, the, Consulate General of India, Frankfurt, ASSOCHAM and NRW Global Business GmbH organized a webinar on 'India-Germany Collaboration in the AI Sector'. For India's priorities and requirements in this multi-dimensional effort capabilities of technological and	N/A	Closed	ICT

					economic power houses like Germany will be very useful.			
7	I	07-12-2020	Conference call meeting organised by ETSI/ InDico for IMC 2020	Conference call meeting organised by ETSI/InDiCo by Ms. Laure Pourcin	Final meeting was held to discuss the agenda, speakers and other logistic details. Discussion also took place on the key messages to be highlighted during the ETSI presentation in the IMC 2020	Successful organisation of workshop	Closed	ICT
8	E	08-12-2020	India Mobile Congress 2020 5G and beyond: Developing EU-IN cooperation for the next generation of standards.	On the occasion of IMC2020 which is one of the largest digital technology forum in Asia hosted by Department of Technology (DoT) & Cellular Operators Association of India (COAI).	Project SESEI assisted InDiCo in obtaining a slot to highlight 5G standardisation efforts being carried out by ETSI. A very well-designed session was hosted by InDiCo and ETSI. Experts and Senior officials from Govt and Indian Telecom Industry interacted with ETSI officials - Mr. Tonnie De Koster, Advisor for the International Outreach of the Digital Single Market, EC, DG Connect - Mr. Adrian Scrase, ETSI CTO and Head of the Mobile Competence Centre, 3GPP - Mr. Bernard Barnani, Deputy Head of Unit" Future Connectivity System, EC, DG Connect - Dr. Colin Willock, Chairman of the Board, 5G Infrastructure Association - Mr. David Boswarthick, Director of New Technology, ETSI - Mr. Benoit Sauveroche, First Counsellor, EU Delegation to India -Mr. Emilio D Gonzalez, Head of Sector " ICT Standards", EC, DG Connect - Dr. Archana Gulati, Joint Secretary(Digital Communication), NITI Aayog - Ms. Pamela Kumar, Director General TSDSI - Mr. YGSC Kishore babu, DDG-SRI, DoT Were the eminent speakers at the interactive session	N/A	Closed	ICT

| 9 | E | 09-12-2020 | IEEE SA Summit: Future Trends in Renewables | IEEE Standards Association organised a virtual session on "Future Trends in Renewables" as part of IEEE SA Summit | Energy is fundamental to modern life. Energy enables growth and prosperity. As economies grow, technology advances and consumers become more environmentally friendly, global energy demands will evolve to meet changing needs.

With decreasing costs and rising capacity, renewable energy sources will continue to move into the driver's seat in electricity markets as utilities and regulators replace the retiring capacity with renewable energy sources and customers increasingly choose them for economic and environmental concerns. Grid resiliency is also a growing area for distributed energy resources deployment as utilities and customers increasingly consider renewable microgrids combined with storage solutions.

Growth in renewable energy will bring multiple opportunities for innovation and new technologies in the growing space of renewables.

This panel provided insights on the future trends in renewables covering following areas:
- Technologies
- Policy & Standards
- Energy Storage Integration
- Applications and Experience - Utility/Microgrids | N/A | Closed | Electrical Equipment including Consumer Electronics |
| 10 | E | 09-12-2020 | IEEE SA Summit: Making Smart Cities a reality through IEEE Standards | IEEE Standards Association organised a virtual session on "Making Smart Cities a reality through IEEE | **During session, following presentation took place:**

Data Exchange & Data Layer Standardization for Smart Cities
Implementation of successful smart cities | N/A | Closed | Smart cities |

| | | | | Standards" as part of IEEE SA Summit | infrastructure involves interactions between various systems managed by different organizations within a city. The talk highlighted the critical need to develop a common set of semantics to exchange the operational goals and constraints between smart city component systems in a domain agnostic manner, which will enable developers and also system integrators to have consistent implementations and exchange of data.

IEEE Smart Manufacturing Standards Driving Industry 4.0
Understanding the needs of stakeholders, the system architecture and functional requirements of Standard for General Requirements of Online Detection Based on Machine Vision in Intelligent Manufacturing (IEEE P2671) and reference information to be used by manufacturing enterprises for designing and implementing business models of mass customization (IEEE P2672)

IEEE P1451-99 - A Concrete Step Towards Harmonizing Industrial IoT Data
IEEE P1451-99 standard defines a method for data sharing, interoperability, and security of messages over a network, where sensors, actuators and other devices can interoperate, regardless of underlying communication technology. In this technical talk, we discuss some of the core concepts of harmonization, challenges and applications; demo of a reference implementation (under active development) to visualize the concepts of harmonization of IoT data. | | | |

| 11 | E | 09-12-2020 | IEEE SA Summit: Improved and Reliable Telecom & Connectivity | IEEE SA Summit: Improved and Reliable Telecom & Connectivity | This session focused on the challenges and the efforts that are being taken by the IEEE community in different workstreams:

Rural Communications - focused on presenting the challenges and opportunities of Rural Communications and connectivity and their impact on improving quality of lives of the people in the rural areas. The goal of the program was to contribute towards the global goal of digital inclusion, by developing solutions for rural and remote areas using suitable technologies.

Consumer Telemedicine/Telehealth - Extending the Reach and Depth of Health Care Services through Telehealth. The COVID-19 pandemic has fundamentally impacted several business ecosystems globally. Virtual sessions are used for telework, online learning telehealth, etc. for continuity of services. Health care is among the ecosystems that are currently strained and telehealth services provide access to connected health care services while maintaining social distancing and minimizing the risk of transmission. Telehealth also extends the continuum of care to rural communities with adequate broadband telecommunications access. This presentation addressed telehealth within the health care ecosystem, access to connected care, enablers, and the new IEEE SS Telehealth Industry Connections activity.

Industrial - Information Centric Networking - The | N/A | Closed | ICT |

					Future of Networking - Information Centric Networking (ICN) is a new paradigm of data exchange over Networks. ICN provides an alternate approach to traditional host-to-host communication approach. It provides native support for mobility, security & privacy, latency and resource utilization. However, there are many challenges with ICN as well… In this talk, panel discussed some of the potential challenges with ICN, the prevailing architectures for ICN and also the use cases that might potentially benefit with the adoption of ICN.			
12	E	09-12-2020	26th DST-CII Technology Summit	Department of Science & Technology (DST), Govt. of India along with Confederation of Indian Industry (CII) organised 26th technology Summit. This time, India partnered with Portugal to focus on areas of trade & investment, driven by Science, Technology & Innovation	The Confederation of Indian Industry (CII) and Department of Science & Technology (DST), Government of India organized the 26th edition of DST- CII Technology Summit from 7th – 9th December 2020. For over 25 years, this yearly summit has been instrumental in providing significant opportunities to forge and foster global technology partnerships. The heads of the partnering countries have addressed the technology summits in the past- a significant testimony of considering science and technology as one of the topmost priorities in the world. The digital conference brought together global innovators, technology leaders, disruptive entrepreneurs, policymakers, industry stalwarts, and eminent academicians from India and partner countries to share their experiences, and virtually everyone directly or indirectly associated with the technology sectors.	N/A	Closed	Generic

13	M	10-12-2020	Broadband India Forum (BIF) Committee Meeting on ICT for Inclusive Ability (PwD)	BIF has scheduled the next meeting of the Committee on ICT for Inclusive Ability (PwD)	SESEI is member of the BIF Committee on ICT for Inclusive Ability (PwD). During the meeting held the agenda items discussed were as under; 1. BIF to explore funding specific projects with accessible ICTs such as organising skill development programs for PwDs and supporting the national accessible online library- Sugamya Pustakalaya. 2. Follow- ups on the Drafting Committee set-up by CDAC awarded by MeitY. 3. Way Forward - next 3 months (for the Year 2021).	Continue working with BIF on this subject	Closed	ICT
14	E	10-12-2020	Virtual Smarter Energy India Conference Program 2020 was held on 9th & 10th Dec 2020	Indo-German Energy Forum was one of the key participants and sponsor.	SESEI was invited by Indo German Energy Forum to visit the international virtual conference the smarter E / Intersolar India Global e-connect. The main topics supported by German Energy Forum were: 1. Industrial and commercial storage with B2I and others 2. Agrophotovoltaics (AgroPV) with Fraunhofer ISE, NSEFI 3. O&M of large-scale PV plants with Solar Power Europe, NSEFI	N/A	Closed	Electrical Equipment including Consumer Electronics
15	E	10-12-2020	IEEE SA Summit: E-Mobility: An Ecosystem Perspective	IEEE SA Summit: E-Mobility: An Ecosystem Perspective	The Mobility & Transportation sector is among the leading global user segment of fossil fuels. Heightened concerns about "Environment & Sustainability" are the primary global drivers for "Low Carbon Mobility." These concerns have therefore advanced the development & commercialization of E-Mobility, featuring many technologies & innovations in electric vehicles & mass transportation. Efforts are underway to develop electric aviation as well. The belief that societal adoption of e-mobility must	N/A	Closed	Automotive

					be accelerated is now generally well accepted. For this has to happen a variety of socio-economic-technological factors need to be better balanced with the needs of diverse markets & consumers. The Electric Vehicle Industry is among the key stakeholders who have a major responsibility to enable this. In the urban context, it is also essential to align the E-Mobility aspects with the evolving Smart City agenda & Charging Infrastructure/Networks. From an eco-system perspective, it is also important that Standards, Policy & Regulatory Frameworks are evolved & structured to facilitate desired outcomes. **PANEL DISCUSSION FOCUS AREAS were:** - E-Mobility Technologies & Future trends - Policies, Regulations, and Standards. - Societal Adoption of E-Mobility – The Enablers			
16	E	10-12-2020	IEEE SA Summit: Mobile Health: Necessity for Access, Validation and Trust to Meet	IEEE SA Summit: Mobile Health: Necessity for Access, Validation and Trust to Meet	Beyond the recent pandemic, the need for remote access to care has been an omnipresent problem for rural and remote patients who do have not access to face-to-face care regardless of a remote geographic location, physical immobility or overall public health constraints. The rise in connected wireless medical devices (i.e. biosensors, IoMTs, wearables etc) and mobile health applications are presenting new opportunities to monitor and deliver some form of "health care" while presenting significant issues on trust and validation in the data generated and outcomes. This session addressed three different use cases for these devices/applications and the critical changes impeding progress to utilizing these	N/A		Closed	ICT

					devices to driving better health outcomes for patients. - Meeting the Demand for Rural and Remote Access to Care through Mobile Health Applications - Establishing trust in mobile health applications enabling accessibility and utility for health care and research. - Understanding the challenge and need for collaboration to address validation uncertainty in the use of wearable/sensor data for clinical research/clinical trials.			
17	I	10-12-2020	Conference call Meeting with InDiCo to discuss India video Filming kick-off	A conference call meeting was organised by ETSI /InDiCo to initiate discussion on content / script, key messages for a proposed video / film on 5G technologies, its benefits, opportunities, especially in the Indian Context.	Conference Call was held and discussion took place to decide the theme/storyboard which could be used to interview Indian stakeholders for their views around 3G Global Standardisation and the proposed Video location/agency etc. SESEI expert provided input to storyboard, agency, location and prospective stakeholders. Discussion also took place to update the storyboard with IMC 2020 conference for which also relevant material was shared. Agency will work on the revised schedule and updated story board. Post meeting following material was shared by Laure also to the agency with suggested way forward. The Prime Minister opening speech at IMC2020 : https://www.youtube.com/watch?v=-ckFdKa-jeM (Great quotes on "India the preferred country for Telecom Equipment Manufacturing" or "Broadband for all" or the benefits of technology for society on pandemic times …) https://indianexpress.com/article/india/timely-5g-	N/A	Closed	ICT

					rollout-is-needed-tech-will-aid-vaccination-drive-pm-modi-7097312/ On use cases and innovation potential in India, view the IMC2020 welcome video : https://vimeo.com/488794452 The theme of the event was Inclusiveness : Smart | Secure | Sustainable (Again the PM : "provide every village with high speed internet connectivity", …) Third reference is a presentation video recording made for our own InDiCo session by Leut. Gen. Dr. KOCHHAR, DG of COAI : https://etsihq.sharepoint.com/:f:/s/Indico_ETSI/EvM_NF9b5MVKoKSghDgqVCcBouIL8svPm0E1nfwNNacF2A?e=Wqx6a0 The interesting video is labelled: INDICO_A49_IMC2020_2-1_COAI_Gen_KOCHHAR, which seems to me of sufficient quality. You may look at the other videos of course but they are of less interest for our message (and of less quality). As a follow-up, we will work on the list of people to be interviewed and map them with the key messages / quotes we would like to collect.			
18	M	11-12-2020	Meeting of the Working Group on Security by Design in M2M devices in National Trust Centre	This work group has been working on the work items of Security by Design in M2M devices in National Trust Centre for both	The working Group discussed that the main document on 'Security by Design and National trust Centre' is under process and WG will take some more time to complete, it can be useful for domestic IoT device manufacturers, service providers, Mobile	Continue working with TEC on this subject	Closed	ICT

			for both Consumer IoT and enterprise IoT.	Consumer IoT and enterprise IoT. For the consumer IoT, ETSI has released security guidelines in ETSI EN 303 645 standard. Based on this UK and Australian government has issued guidelines / regulations for security of consumer IoT devices. These documents are having guidelines for IoT device manufacturers, service providers, Mobile applications developers, retailers and consumers using which the consumer IoT devices can be secured.	applications developers, retailers and consumers if similar guidelines are issued domestically for consumer IoT. Draft document on "Guidelines for securing consumer IoT devices" has been prepared for domestic IoT device manufacturers, service providers, Mobile applications developers, retailers and consumers. This draft document can be considered as a subset of the main draft document on 'Security by Design and National trust Centre'. This draft document and the inputs received from various members was discussed during the meeting. SESEI also provided inputs on the security standards guidelines issued by ETSI.			
19	E	15-12-2020	CUTS Webinar on "India-UK Trade and Economic Cooperation in the Context of Developments in the Indo-Pacific Region"	CUTS International organized a webinar on "India-UK Trade and Economic Cooperation in the Context of Developments in the Indo-Pacific Region"	The meeting emphasised that the two countries should work together not only for their own mutual development and benefit, but also to deepen cooperation as democracies, and to act as a bulwark against the rise of China, whose growing influence permeated traditional areas of strength in the region for the UK and India. Opening the programme, Pradeep Mehta, Secretary General of CUTS International said that India can be a reliable economic partner for the UK in its post-Brexit strategy in the Indo-Pacific region, since both countries shares a similar vision of free and open Indo-Pacific based on rules based international	N/A	Closed	Generic

					order. Welcoming the participants, UK-based Development Practitioner Arti Lad shared hope that as the United Kingdom assumes a new and independent trade policy following its exit from the European Union, its policies and economic agenda will aim to achieve prosperity in both India and the UK. She also shared the potential for both the countries to cooperate in the eradication of the COVID-19 pandemic. According to Didar Singh, former Secretary General of FICCI and Secretary to GoI, there is the need to have a broader discourse to understand the political relationship India desires to have with the UK which should include policy dialogue regarding multilateralism and other global issues such as climate change and democracy. British economist Lord Meghnad Desai expressed his optimism about deeper bilateral collaboration post-Brexit and said "the UK-India dialogue should be pretty straightforward, as long as India knows it is in quite a strong position." Lord Jonathan Marland, Chair of Commonwealth Enterprise & Investment Council, said that there are several Commonwealth countries in the Indo-Pacific that would eagerly engage with India and the UK more deeply, but highlighted a reluctance from the Indian government to fully realise the benefits of the Commonwealth.			

					Stefania Benaglia, Associate Researcher, CEPS, said that the UK could be playing catch-up with its neighbours, as "the EU is now really defining its own priorities in, and drafting its own strategy for, the Indo-Pacific." Jaimini Bhagwati, former Indian Ambassador to the UK, was also of the view "France, Germany and the Netherlands too are more amenable to the Indo-Pacific concept as outlined by the members of the Quad". He went on to say "the UK's volume of trade and investment with China is such that when it looks upon the Indo-Pacific it's going to be very careful as to what it says" because the volume of trade with India is much lower. Lord Marland added "there is a balance here, whether the UK take a proactive view to stop this relentless pursuit … or cooperate with China." This theme of containment was echoed in the remainder of the discussion, which was moderated by Dr Didar Singh.			
20	M	16-12-2020	Virtual meeting of the TEC's WG on Future Communication Technologies and use cases in IoT domain	TEC has regularly been organizing meetings of Working Group on Future Communications Technologies and used cases in IoT domain to finalize the report on "Future Communication Technologies"	Technical Report on Communication Technologies in IoT domain was released in July 2017, having the details of then available cellular as well as non-cellular technologies and the related use cases. As the development of technology has accelerated, there is a need to study the emerging 5G communication technologies for IoT domain and related use cases. In the above context the main aim of all the meetings is to provide inputs to the draft report on	Continue working with TEC on this subject	Closed	ICT

					Future Communication Technologies and Use cases in IoT domain. SESEI provides latest updates and work being carried out by ETSI and CEN CENELEC in the domain of IoT.			
21	E	16-12-2020	GoToWebinar - Roundtable on Standards for building safe electrical energy storage system	Bureau of Indian Standards along with the Solar Energy Corporation of India and Underwriters Laboratories scheduled a roundtable workshop on standards for construction of safe electrical energy storage systems in India	Through the roundtable, the organizations aimed - to build awareness of India's existing standards, - discuss the international implementation of new standards and, - highlight the benefits of safer, reliable and sustainable Battery Electrical Energy Storage Systems (BEESS). SESEI expert attended this webinar to gain knowledge around Standards for building safe electrical energy storage system.	N/A	Closed	Electrical Equipment including Consumer Electronics
22	E	17-12-2020	Data Centre India 2020 Virtual Conference	Bharat Exhibitions organised Virtual Conference on Data Centre India 2020.	The data centre infrastructure spending in India is expected to touch $2.8 billion, with a year over year decline of 14.4% in 2020 and an estimated single digit growth in 2021. This forum highlighted the importance of various aspects of Next generation data centres and Virtual Cloud based Data Centre. Next-gen data centre networks focus more on software-centric controls (SDN). Key success factors for building next-gen data centre networks include modularization and standardization of the fabric, ensuring support for virtualization and containers, adding programmability and automation as well as ensuring visibility to facilitate troubleshooting. Data centres are evolving with the shift toward virtualization. As organizations seek to take	N/A	Closed	ICT

					advantage of the cloud to manage day-to-day business operations, many are wondering what sort of trends are taking shaping in modern-day data centres. A smart data centre is needed to support the demands and application deployment models, such as the Internet of Things (IoT), cloud, platform-as-a-service, software-as-a-service, and other models on the verge of becoming mainstream.			
23	E	17-12-2020	IoT Protocols - How Data Exchange Happens	IEEE organized a webinar on "IoT Protocols - How Data Exchange Happens"	IoT devices are typically characterized by low power requirements and are working under constrained environments in terms of network, memory, processing capabilities and power consumption. Therefore, IoT devices are in need of specialized protocols called "IoT protocols" to work efficiently in constrained environments. IoT application layer protocols in particular and the entire IoT stack needs to be designed to meet the requirements of IoT devices and their operating environments for performing device to device communication as well as device to gateway communication. In this webinar, Speaker covered IoT application layer protocols and some of the unique features offered by IoT protocols designed to meet IoT specific use cases. Specifically this webinar gave insights on the two most popular IoT protocols namely CoAP – Constrained Application Protocol and MQTT – MQ telemetry and transport. **Topics covered/Agenda:** • Introduction to IoT stack • Communication models and patterns in IoT • Restful architecture for IoT	N/A	Closed	ICT

					• CoAP – Constrained Application Protocol overview • MQTT - MQ telemetry transport Protocol overview			
24	M	18-12-2020	Meeting of BIS, TED28, Intelligent Transport Systems Sectional Committee	Sh. Balraj Bahnot, Chair, Intelligent Transport Systems (ITS) Sectional Committee, TED 28 called a meeting on 18th December 2020.	Due to prevailing conditions of Covid-19 pandemic, the 13th meeting of Intelligent Transport Systems Sectional Committee, TED 28 took place virtually on 18 Dec, 2020. The agenda of the TED 28, ITS Sectional Committee Meeting was as under: - Confirmation of the Minutes of the previous meeting. - Composition of Sectional Committee - Discussion on the issues arising out of the previous meetings - Review of Published Standards to identify the standards that are not required by the industry due to change in technology, obsolescence, etc, for withdrawal and the standards that need to be amalgamated or to be revised. - Draft Program of Work - International Activities in the scope of the ITS Sectional Committee etc.	Continue working with BIS on this subject	Closed	Automotive
25	E	21-12-2020 and 22-12-2020	6G Knowledge Lab Opening and 36th Virtual GISFI Workshop	This workshop was held jointly with the CTIF Global Capsule, the Global ICT Standardisation Forum for India (GISFI), technically sponsored by IEEE (ieee.org) and by Wireless World Research Forum (WWRF-wwrf.ch). The event was held over two	SESEI was invited by the GISFI to participate as a key speaker in the technical session. SESEI expert gave a presentation on topic "5G and Beyond" - In this presentation SESEI expert shared overview of the 5G Technologies and the standardisation work being carried out by ETSI and 3GPP. - New Future technologies being introduced and the standards developed by the Industry Specific Groups and Technical Committees at ETSI. - He also covered ETSI long term strategy and	N/A	Closed	ICT

				days and feature invited talks by external and CGC experts on various research challenges related to 6G and enabling- technologies.	Beyond 5G, 6G: European Initiatives in his presentation.			
26	M	23-12-2020	Virtual meeting of TEC Working Group for "Finalizing IoT / ICT standards for Smart cities	Telecom Engineering Centre (TEC) has periodically been organizing meetings of WG members to discuss inputs/comments and expected to finalize the report soon	During the meeting inputs/ comments received from members were discussed to be incorporated for finalisation of the draft report. SESEI expert has provided his inputs to this report which are well considered to be included in the final report.	Continue working with TEC on this subject	Closed	ICT/Smart cities
27	E	29-12-2020 to 30-12-2020	2nd IEEE Winter School on Fog/Edge Computing 2020	IIT Kanpur organized "2nd IEEE Winter School on Fog/Edge Computing 2020" virtually	Over the past decade, cloud computing has played a dominant role in supporting the applications we rely on today. Mobile networks have been acting mostly as communication pipes connecting users to the cloud and with each other. As we evolve toward the Internet of Things (IoT), our 5G/6G and future mobile networks must support a much wider range of applications, including vehicular networking, automated manufacturing, smart cities, drones, smart grids, e-health, and the many emerging AI enabled applications such as Virtual Reality (VR) and Augmented Reality (AR). Future mobile networks will also require computing capabilities inside or close to the radio access networks (RANs) to enable advanced networking capabilities. Many new emerging services (such as V2V in Vehicular Telematics Services and e- Healthcare Services, and manufacturing industry 4.0) could be realized and implemented economically using these Fog/Edge technologies.	N/A	Closed	ICT

					In this context this two-day winter school addressed topics in conducting research for future 6G and next Generation IoT Services and Applications.			
28	E	04-11-2020	5G India 2020 Virtual Conference & Exhibition organised by Bharat Exhibitions	**5G India 2020 Virtual Conference & Exhibition** is an annual Summit organised by Bharat Exhibitions. This Annual Summit is to spread awareness of the capability and benefits of 5G to any and all sectors be it Telemedicine, Remote surgery, Agriculture, Education, Industry 4.0, Smart City, Augmented reality, Autonomous driving etc. to attain the goals of Digital India as per the vision and mission of the Government of India.	SESEI was invited as one of the key speakers in the technical session to share his views on "5G Standardisation". This technical session was chaired by Mr. H.L. Gupta, President - Network and Service Operations, Reliance Jio . In the session, SESEI shared latest updates and overview on 5G Standardisation covering ETSI 5G building blocks, 5G standardization work in 3GPP. Copy of presentation is available here	N/A	Closed	ICT
29	I	04-11-2020	Conference call with CEN-CENELEC to discuss Key messaging for CII Seminar on Quality Infrastructure	Ms. Christie Jarita requested for a conference call meeting with SESEI to discuss the key messaging and India specific areas for a presentation to be made by Chair India Task force at the forthcoming CII Conference	Draft presentation with following agenda points as prepared by Ms Jarita was discussed in details and inputs were provided by SESEI expert. Copy of presentation is available in this link - About CEN-CENELEC - ISO & IEC Adoptions - International Cooperation - New Legislative Framework (NLF)	N/A	Closed	Generic
30	E	06-11-2020	TELECOM Convergence Summit: "Broadband for	CII organised a Telecom Summit on "Broadband	The main objective of the Summit was to highlight the crucial role broadband plays towards inclusive	N/A	Closed	ICT

			Inclusive Growth - Social, Economic and Business"	for Inclusive Growth - Social, Economic and Business"	development, role of Telco's and the power of voice. The Summit featured detailed deliberations covering the following aspects: • Broadband for Inclusive Development - Social, Economic and Business • Monetizing broadband in a world of socio-conscious consumers – Business and Growth opportunities • Stimulating Broadband Demand – Access, Affordability and Adoption			
31	I	06-11-2020	ETSI/InDiCo meeting about IMC 2020	A conference call meeting was held with the InDiCo and ETSI team with IMC (India Mobile Congress) and SESEI to discuss participation details at the virtual India Mobile Congress 2020 scheduled to take place in the second week of December 2020	Post discussions with the IMC Team, review of the agenda, topics and availability of the time slot. InDiCo team booked the 2h time slot in the IMC 2020 main Conference agenda at the end of Day 1, on December 8,2020, from 5:00PM to 7:00 PM India Standard Time, at the all-inclusive price of 10 000 $, This booking is made by ETSI, in the framework of InDiCo a project funded by the EU. The topic of the session will be around 5G : Developing EU-IN cooperation for the next generation of standards.	Successfully organization of conference/session	Closed	ICT
32	E	06-11-2020	Ethical AI: Implementation, Challenges and Framework	IET India organized webinar on "Ethical AI: Implementation, Challenges and Framework" as part of their IET India Digital Conversations	The scope of AI innovation is limitless, which is both comforting and frightening. The enormous potential of AI can be used in ways, which can threaten public safety and quality of life re-emphasising the importance of - AI Ethics. During webinar, IET expert panel shared insights on: • How can country-level policies be built to ensure fair AI? • What are the ethical AI considerations that need to be fed in?	N/A	Closed	ICT

33	E	09-11-2020	Curtain Raiser Event for India Mobile Congress 2020	Curtain raiser ceremony for the India Mobile Congress 2020 was held on 9th November 2020, organised by COAI	India Mobile Congress is the largest digital technology forum in South Asia, organised by the Department of Telecommunications (DoT) and Cellular Operator Association of India (COAI), India Mobile Congress 2020 is scheduled for 8 December through 10 December 2020 & will be held virtually. ETSI via Project InDiCo is one of the participants at the India Mobile Congress 2020.	Successfully organization of conference/session	Closed	ICT
34	M	12-11-2020	Virtual meeting of Working Group (WG) on "Security by design Principles in M2M device manufacturing and National Trust Centre for certification of M2M devices and applications"	Telecom Engineering Centre (TEC) has periodically been organizing WG meeting to finalize technical report on "Security by design Principles in M2M device manufacturing and National Trust Center for certification of M2M devices and applications" soon.	TEC is in the process of finalizing a technical report on "Security by design Principles in M2M device manufacturing and National Trust Center for certification of M2M devices and applications" and has been organizing WG meetings regularly to discuss inputs/comments received from members. SESEI expert has provided his inputs on ETSI EN 303 645, a standard for cybersecurity in the Internet of Things that establishes a security baseline for internet-connected consumer products and provides a basis for future IoT certification schemes. All 13 provisions for the security of Internet-connected consumer devices and their associated services, are well considered to be included in TEC report.	Continue provide support to TEC and promote EU work around this topic	Open	ICT
35	E	17-11-2020	THE DIGITAL DIALOGUES on "5G Opportunities with Satellite Broadband"	Series of Digital Dialogues being organised by Broadband India Forum. The theme of this series was 5G Opportunities in conjunction with satellite broadband	This digital dialogue was focused on how to 5G Technologies with Satellite technology for optimising the 5G experience. This session of The Digital Dialogues specialist and expert speakers from India and abroad deliberate on this exciting area of development and the huge potential benefits for India. Mr. R Shakya, DDG, Satellite, DoT was the Chief Guest for the session, and expert speakers: Mr. K Krishna, Vice President & CTO, Hughes Communications India; Mr. Nicolas Chuberre, Rapporteur, 3GPP Satellite Group, Mr	N/A	Closed	ICT

					Rajesh Mehrotra, Hon. Principal Advisor, BIF; and Mr. Anil Tandan, Former CTO, Idea Cellular.			
36	E	17-11-2020	Webinar on Intelligent Connected Vehicle Platform: How to deliver the highest quality of driver experience using a platform approach	Informa organised a webinar on Intelligent Connected Vehicle Platform.	The presentation made during this event, discussed the digital enhancement enabled by their connected car initiatives, that are being undertaken to achieve this objective - Integrated information management with a 'Single Pane of Glass' approach - What is intelligent connectivity and how is it being applied to enhance the driver experience - Opportunities for SOTA (Software over the Air) optimisation - How applying a platform-based approach address many of the technical challenges associated with a successfully connected vehicle initiative	N/A	Closed	Smart Mobility
37	M	19-11-2020	Meeting called by BIS, LITD 10 'Power System Control and Associated Communications' Sectional Committee	Meeting organised by Sectional Committee of LITD 10 'Power System Control and Associated Communications' of BIS. This meeting was called to review some old standards which need to be revised	A meeting was called by the Power System Control and Associated Communications' Sectional Committee, LITD 10 to review the Standards that have been published by LITD 10 Sectional Committee. These Standards are quite old and hence need to be reviewed. A copy of these Standards was circulated to all members prior to the meeting and were requested to review and provide their inputs/ suggestions whether these Standards need to be revised or withdrawn.	Continue work with BIS on this subject	Closed	Electrical Equipment and Consumer Electronics
38	I	19-11-2020	Coordination call Meeting No. #4 with ETSI/Indico, SESEI and EU-IN ICT Stds	Periodic meeting called by InDICO/ETSI with SESEI and EU - India ICT Standards Project, to discuss Security webinar and next steps.	Next step after successfully conducting the first India-EU Webinar on Safe and Secure Mobile Telecommunications Technologies were discussed such as Agenda, Topics, speakers and timelines for the future webinar on this important subject of security.	N/A	Closed	ICT

39	E	19-11-2020	DSCI-TASL Virtual Panel Discussion on Advanced Industrial Security - Protecting Industrial Operations	The Data Security Council of India (DSCI), in association with Tata Advanced Systems Ltd. Organized an exclusive virtual panel discussion on the theme 'Advanced Industrial Security - Protecting Industrial Operations from Targeted Attacks'	Many of today's targeted ransomware groups use sophisticated, nation-state attack techniques. This is very concerning for industrial operations and critical infrastructures. The world's most secure industrial sites reliably defeat these sophisticated attacks. These sites ask different questions and get different answers - they think about security very differently. For example, secure sites seek to protect physical operations from information, rather than trying to "protect the information. The session explored powerful and practical perspectives on robust industrial security.	N/A	Closed	ICT/security
40	E	20-11-2020	Webinar on "Quantum Security & 5G Networks" organised by TSDSI	Digital Communications India Forum (DCIF) organized a webinar on "Quantum Security & 5G Networks" with TSDSI as a Standardisation Partner	The speakers deliberated on future of Security, 5G Networks and Advanced Real-time streaming based event applications. Chief guest for the webinar was Lt. Gen (Retd.) Dr Rajesh Pant, National Cyber Security Coordinator. The other Keynote Speakers were: Shri Sunil Gupta – Chairman QuNulab Shri Puneet Agarwal – Chairman VVDN Technologies Mr Thomas Bouttier – Executive VP Global Sales PGI Speakers: Shri Vipin Tyagi – Chairman DCIF, CTO & EVP, PGI Shri S.N Gupta – Chairman Bluetown Shri G Narendra Nath – Joint Secretary (NSCS) GoI	N/A	Closed	ICT
41	M	20-11-2020	1st Meeting of the Committee to formulate an Indian ICT accessibility standard under Ministry of Electronics & IT, Govt. of India, organised by CDAC	CDAC has been entrusted with the task of formulating standards for the ICT accessibility for PwD. SESEI is an active advocate for adoption of EN301 549 for Indian ICT accessibility standard.	CDAC request SESEI for participation as expert member to formulate an Indian ICT accessibility standard under Ministry of Electronics & IT, Govt. of India. Following documents were shared and discussed during the meeting. 1) Summary of EN and other standards review 2) EN_301 549 v.2.1.2 consolidated review report	Continue working with Indian Ministries/departments/associations to promote EN 303 549	Closed	ICT

						for its adoption in India		
42	E	20-11-2020	LPWA networks – shaping the future of IoT	IET India organized webinar on " LPWA networks – shaping the future of IoT" as part of its IET India Digital Conversations	Although LPWA technologies and networks have existed for ages, experts predict that only close to a fifth of the globe has LPWAN coverage. In this episode of IET India Digital Conversations, experts discussed how the LPWAN market will evolve in the next five years and the prospects in this space. Key takeaways from today's session: - India is the 3rd largest market for LPWA. Today there are multiple options for IoT connectivity. Traditionally, we were largely relying on cellular and this could change due to LPWA - There are many uses cases for deployment of LPWA- asset tracking, condition monitoring, smart metering, etc - Wireless sensor network is going to drive the future of machine-to-machine communication. LPWA networks and demand for digital transformation will come more from the enterprise route than consumer route - Covid has created a huge opportunity to take LPWA connectivity to the next level with increasing use of zero-touch LoRa technology - India has a huge advantage in deployment of LPWA technologies due to factors such as low cost of connectivity and devices, data plans, etc	N/A	Closed	ICT
43	M	23-11-2020	Virtual meeting of the TEC committee formed for "Finalizing IoT/ ICT standards for Smart Cities"	TEC Called for meeting of the Committee for "Finalizing IoT/ ICT standards for Smart Cities"	Minutes of the previous meeting, updated draft document and inputs / comments received from various members were circulated to prior to the meeting to be discussed during the meeting. SESEI expert Mr. Dinesh Sharma,opined to add details	Continue working with TEC on this topic	Closed	Smart Cities

					about the recent development/ achievement related with adoption of oneM2M standards as nation standards by TEC. Points summarized as a next step:			
					1. Small paragraph on oneM2M national standard – already available in section 3.2.3			
					2. Mention of NBIoT NIP for power sector by Mr. Sharad Arora in section 5.6.1			
					3. IS16444 in LoRaWAN – Mr. Ali Hosseini in section 5.6.1			
					4. IPv6 on LoRAWAN – RFC 8724 – by Mr. Muralidhar in section 5.3 (LPWAN)			
					5. Smart water management / waste management – Mr. Ali will provide the input in section 5.6.4 & 5.6.5.			
					6. NABH is in the process finalizing digital health standards- once approved, may be updated in section 3.10			
					7. 5G use case lab – details to be added by Mr. Sharad Arora, in section 3.1.4			
					8. Frontier technologies such as AI/ ML, Blockchain, UAV – brief may be added by Mr. Sharad Arora in section 5.4.1 to 5.4.4. Input on Digital twin provided by Mr. Bipin Kumar has been added in the section 5.4.5.			
					9. Niti Aayog policy paper on Intelligent transport system: C-V2X by Mr. Sharad Arora in section 3.7.			
					10. Technology adoption roadmap – Annexure 3 – may be seen and refined by all members. Technologies expected to be closed may also be mentioned.			
					11. MTCTE by TEC in section 3.2.2			
					12. Executive summary by Ali Hosseini			

44	I	23-11-2020	Zoom Meeting organised by Ms. Jarita Christi, CEN-CENELEC	Pre-meet call organised by CEN-CENELEC to discuss and run through the draft agenda for the meeting to be held between EU Delegation to India and Project India	During the virtual meeting SESEI and CEN-CENELEC Officer discussed and run through the presentation slides covering: - The virtual introduction with the EU del to India - Project India draft agenda for Dec 2	N/A	Closed	Generic
45	E	24-11-2020 to 25-11-2020	India SatCom 2020	India SatCom 2020 is the 6th edition of BIF's annual flagship event, and is recognised as the largest and most comprehensive conference for satellite communications in the country	SESEI participated in the two-day India SatCom 2020 event organised by Broadband India Forum. The theme for India SatCom 2020 is 'Satellite Broadband – The New Frontier'. The broad objective of the Conference was to bring together all stakeholders of the satcom ecosystem, to deliberate on the latest technology enhancements to provide inclusive access in meeting the goals of 'Digital India' and 'Broadband for All'. This is especially significant in light of the recent announcement by the Hon'ble Finance Minister of India on liberalization of the sector.	N/A	Closed	ICT
46	I	24-11-2020	Conference call requested by CEN-CENELEC for finalisation of presentation for CII 28th Quality Summit.	A conference call was held with SESEI to discuss the final presentation to be given by Mr. Wim De Kesel, Chairman India Taskforce at the upcoming CII 28th Quality Control Summit scheduled to be held on 27th and 28th December 2020	During the conference call SESEI helped in finalising the key messages for the Indian stakeholders and a run through of the presentation was also carried out.	Successful organization of conference	Closed	Generic

47	M	25-11-2020	India: Virtual introduction - EU delegation to India - ESOs	A virtual Meeting was organised between the Senior officials at EU Delegation to India and the SESEI Project Partners.	The main aim of the meeting was to make introductions between Senior officials at EU Delegation to India and the SESEI Project Partners. These introductions were made to ensure synergies between EU delegation office and the SESEI Project partners on the ongoing activities on ground. After brief introduction by all participants, following agenda items through presentation were discussed during the call. 1. Introduction ESOs - Standards build trust - CEN-CENELEC - ETSI 2. Introduction SESEI 3. Priorities for cooperation EU-India 4. ESOs cooperation	Continue work with EU delegation to India to strengthen partnerships b/w EU & India	Closed	Generic
48	M	25-11-2020	Virtual meeting for finalizing Technical Report on Smart Village & Agriculture	TEC is in the process of finalizing technical report on "Smart Village & Agriculture"	TEC has been organizing WG meetings regularly to discuss the inputs/comments received from members and will be finalizing technical report soon. SESEI expert is a member of WG and has provided inputs on EU work around this topic which have been considered well to be included in this report.	Continue working with TEC on this subject	Closed	ICT
49	M	26-11-2020	20th meeting of LITD 28 Smart infrastructure Sectional committee	BIS LITD 28, organized a virtual meeting on 26 Nov 2020	The agenda for the meeting was as below: - Formal Confirmation of the Minutes of the last meeting - Draft Standards to be Finalized for printing - Status update from Panels and Study group - International Standardization Activities - Committee Composition etc.	Continue working with BIS on this subject	Closed	ICT
50	E	26-11-2020	CUTS & BASK Webinar on "Transforming Power Distribution:	The webinar was organized as the closing event for the project titled	CUTS emphasized that the power sector reforms must be shaped by the political and socio-economic context of individual States. There is no one size-fits-	N/A	Closed	Electrical Equipment

			Consumers, Governance & Technology"	'Capacity Building of Electricity Consumers in Rajasthan' implemented by CUTS International and Bask Research Foundation with support from Shakti Sustainable Energy Foundation.	all framework; thus, the reforms should be tailored according to the local needs and challenges. - clean energy technologies have brought about a new paradigm for power sector, which requires the utilities and policymakers to re-work their approach towards this sector. - biggest grievance of a consumer is the lack of adequate and quality power. Hence, it is important to empower the consumers and make them aware about their rights and responsibilities. The need for balanced approach, between different interests' group, in enabling a just transformation in the Indian power distribution sector.			and Consumer Electronics
51	M	26-11-2020	Conference call meeting called by the Cyber Security Working Group of IET Future Tech Panel	SESEI is the Chairman of the Standards Legal & Regulatory Working Group of IET Future Tech Panel. A meeting was proposed by the Cyber Security WG with the chairman of other Working Groups to seek their inputs / Comments	TEC is formulating a Trust Centre for IoT Devices. There is a wide data privacy effort underway. The Cyber Security WG have been working on a paper titled "Future Proofing Standards" and had shared the document for comments and inputs from other WG's especially the SLR WG. The discussion was around restructuring the paper in a way so as to be able to identify what we are expecting from standardisation, experimentation, research and innovation and regulations.	Provide inputs to this document from European best practices point of view covering regulation, research and standards for future.	Open	Generic
52	E	27-11-2020 to 28-11-2020	Distribution Utility Meet (DUM) 2020 from 27 to 28 Nov 2020 on a Digital Platform	Fourth Edition of ISGF's Annual Conference of Power Distribution Utilities - Distribution Utility Meet (DUM 2020) was held on	DUM 2020 provided a unique platform for the DISCOM community to share each other's experiences in dealing with Covid-19 challenges and efforts towards automation and digitalization on fast track. Experts from leading Utilities from USA, Canada, Europe and Japan joined the meet to	N/A	Closed	Electrical Equipment and Consumer Electronics

				27-28 November 2020 on Digital Platform	participate in DUM 2020 and shared their experiences.			
53	E	27-11-2020	EBG Position Paper Release 2020	Virtual release of the EBG Position Paper was held on 17th November 2020 EBG produces its yearly position paper and SESEI being a part of its Telecom Committee provides inputs on the telecom standards, policy and new technologies being introduced in India.	The EBG (European Business Group) Position Paper expresses the relevant concerns of EU Corporates in carrying on or growing their business in the current environment in India. It also proposes policy reforms that will be conducive to the growth of business. EBG Position paper is distributed to all key and relevant stakeholders in the Government of India, Delegation of the European Union to India and in turn to the European Commission and the EU Member state Embassies in India. The document forms an integral part of the Annual EU - India Summit and is also an important reference point for the European Commission in its deliberations with the Government of India	N/A	Closed	Generic
54	E	27-11-2020	Quantum Leap for India - Technologies and Applications	IET India Digital Conversations - Quantum Leap for India - Technologies and Applications,	Quantum computing is expected to gain momentum during this decade as economic powers around the world ramp up their investments in quantum technologies. During the webinar, speakers threw light on the status of quantum computing/technologies in India, Policy/Initiatives taken by Government of India and also anticipated the future of quantum technologies in India.	N/A	Closed	ICT
55	E	28-11-2020	28th QUALITY SUMMIT-Quality Movement 4.0: Competitive, Inclusive & Self Reliant	CII Institute of Quality initiative, holds an Annual Summit to discuss business and product information across the entire spectrum of quality related products and services and provide excellent opportunities for	Mr. Wim De Kesel , Chairman India TaskForce, CEN CENELEC was invited as one of the esteemed speakers at the CII Annual Quality Summit. He shared his expertise on - European perspective on the need for harmonization of standards - New Legislative Framework (NLF) - Harmonised European Norms (hENs) - Benefits of the new legislative framework	N/A	Closed	Generic

				potential business engagement.	- Benefits of Harmonised European Norms - International Cooperation - Cooperation between CENCENLEC and BIS and way forward for ESOs and India to work together.			
56	E	28-11-2020	3rd edition of Renewable Energy Investors' Meet and Expo (3rd RE-INVEST) from 26 – 28 November 2020 on a virtual platform.	Indo-German Energy Forum (IGEF), organised a RE-INVEST 2020, an Indo-German country session	SESEI was invited on behalf of Government of India and Government of Germany to participate in the Indo-German country session on "Opportunities and Challenges of Decarbonisation" with special focus on RE-Grid Integration, Hydrogen and Solar Energy. Esteemed speakers at the session were; - Hon'ble Secretary Ministry of New and Renewable Energy (MNRE), Shri Indu Shekhar Chaturvedi - Director General Ministry for Economic Affairs and Energy (BMWi), Shri Thorsten Herdan - Director General Bureau of Energy Efficiency (BEE), Shri Abhay Bakre - Joint Secretary International Relations MNRE, Shri Dinesh D. Jagdale	N/A	Closed	Electrical Equipment and Consumer Electronics
57	M	02-10-2020	Meeting ETSI/TSDSI to discuss oneM2M IMs	Meeting between ETSI & TSDSI to discuss oneM2M IMs increase and effective Cash/membership contribution	Fruitful meeting to work together and re-examine the soft in kind work allocation in view of the TSDSI projected increase in number of Individual Member to 65 in oneM2M wef 01 Jan 2021.	Mediate closure as and when asked	Closed	ICT
58	M	05-10-2020	Virtual meeting for finalizing Technical Report on Smart Village & Agriculture	Periodically meetings of WG members have been organized by TEC for finalizing Technical Report on Smart Village & Agriculture	Telecom Engineering Center (TEC) is in the process of finalizing a technical report on Smart Village & Agriculture. In this regard, regular meetings of WG have been organized by TEC to discuss inputs/comments received from working group members. During meeting TEC said that the technical report needs to be finalized soon, members are requested to contribute in the working group.	Continue working with TEC on this subject	Closed	Smart Cities

					SESEI has become a important member of this WG and has provided EU work around Smart villages which are well considered in this draft report.			
59	E	06-10-2020	German Days Digitales 2020	The Indo-German Chamber of Commerce (IGCC) brought the 'German Days Digitales- the Digital Experience' from the 3rd to 7th October, 2020. It was a first of its kind digital campaign under the overall umbrella concept of the German Days in India.	During German Days Digitales 2020, Indo-German Energy Forum (IGEF-SO) organized a panel discussion on "Renewable Energy power supply for commercial and industrial consumers" Panellists: - Dr. Nicole Glanemann Dpty. Head of Division, Federal Ministry for Economic Affairs and Energy (BMWi)Government of Germany - Vinay Rustagi, Bridge to India - Sanjay Khare, Skoda Auto Volkswagen India - Santosh Khatesal, Enerparc Energy Pvt. Ltd. SESEI attended this webinar to gain knowledge from Skoda, Enerparc and Bridge to India about renewable energy power supply for commercial and industrial consumers in India.	N/A	Closed	Electrical Equipment and Consumer Electronics
60	M	07-10-2020	BIF Committee Meeting on ICT for Inclusive Ability (PwD)	Broadband India Forum (BIF) organized a virtual meeting of Committee on ICT for Inclusive Ability (PwD) is meeting on 7th October, 2020	Recently, the Broadband India Forum (BIF) -' A Think-Tank for Digital Transformation' in India, during a special session of The Digital Dialogue on August 10, 2020 released a White Paper titled 'Priorities for a COVID-19 World: ICT Accessibility for Persons with Disabilities in India'. In this WP, BIF has made various recommendations put forward to the Government and other stakeholders. Among others, BIF has recommended the adoption of the European Standard, EN 301 549: Accessibility requirements for all ICT products and services (ETSI, 2019). It applies to all digital technology, including	Continue working with BIF on promoting, adoption and implementation of Standards around e-Accessibility	Closed	ICT

| | | | | | websites, software, electronic devices, and mobile apps.

In this regard, a meeting of committee members and important stakeholders has been organized to discuss these recommendations.

SESEI expert attended this meeting and praised BIF on making recommendation on adoption of European Standard, EN 301 549. | | | |
| 61 | E | 07-10-2020 | Diplomatic and Industry Leadership Session with Hon'ble Minister of Commerce & Industry | "Diplomatic & Industry Leadership Session on EU-India Collaborative Economic Growth" was jointly co-organized by the European Business and Technology Centre (EBTC) and Invest India. | This event saw the participation of Indian ambassadors to EU member states and EFTA countries, EU member state and EFTA ambassadors to India, transnational and national chambers of commerce and industry in Europe, as well as EU member state and EFTA country – India bilateral chambers of commerce and industry.

Additionally, a few exclusive representatives of the most prominent and well-known EU businesses in India and Indian businesses in the EU shared their unique perspective on the opportunities and challenges for increased business cooperation between European and Indian enterprises.

This dialogue acted as a powerful knowledge-exchange platform, wherein existing and potential commercial concerns addressed by members of the diplomatic community and industry leaders from mutual areas of interest.

The overarching objective of the session was to further enhance the strategic role played by | N/A | Closed | Generic |

					economic diplomacy in strengthening bilateral trade and investments.			
62	M	08-10-2020	Virtual meeting for " Finalizing IoT / ICT standards for Smart cities	Periodically meetings have been organized by TEC for finalizing IoT/ICT standards for Smart Cities" .	TEC, being the national standards body for telecom sector, has been assigned the task for finalizing standards/ specifications for ICT/ IoT based solutions for Smart Cities. In this regard regular meetings to finalise the national standards for ICT Architecture layer for being the common layer for applications for Smart Cities. SESEI is an important member of this working Group and is contributing regularly for finalisation of the national standards and finalisation of report on the specifications for ICT/ IoT based solutions for Smart Cities. Recently, oneM2M standard has been selected as a national standard in India to develop the 100 smart cities plan of the country.	Continue working with TEC and provide inputs on EU work	Closed	Smart Cities
63	E	09-10-2020	CEN-CENELEC 10-10 webinar: Participation of Small & Medium Sized Enterprises (SMEs) in standardization	CEN-CENELEC organized a webinar on "Participation of Small & Medium Sized Enterprises (SMEs) in standardization"	Micro, Small and Medium Enterprises (SMEs) play a major role in the European economy. Standards can help SMEs to grow and become more competitive. CEN and CENELEC closely work with SBS (Small Business Standards), the European representative of SMEs in the standardization process, to facilitate SMEs' access to and use of standards. This webinar presented what standards can do for SMEs and the supporting tools available to contribute to this objective, including SBS SME Compatibility test.	N/A	Closed	Generic

64	M	12-10-2020	BIF Meeting with Mr. Vinay Thakur, COO, NeGD	BIF PwD Committee organized a meeting with Mr. Vinay Thakur, COO, NeGD	Discussion was around: 1. Guidelines for Indian Government Websites 2. Set up inter-ministerial steering committee to recommend and help implement accessibility measures within the Government and other stakeholders as recommended by TRAI This Steering Committee may be constituted at the earliest to address the terms of reference set out by TRAI.	N/A	Closed	ICT
65	M	12-10-2020	Virtual meeting of Working Group (WG) on "Security by design Principles in M2M device manufacturing and National Trust Center for certification of M2M devices and applications	The meeting of the TEC WG on "Security by design Principles in M2M device manufacturing and National Trust Center for certification of M2M devices and applications" was called to further discuss the reference draft document , inputs and used cases data received from members and the minutes of the last meeting.	During meeting, inputs/comments received from working group members were discussed in detail. SESEI is an active member of the Working Group and has provided information on work being carried out at ETSI on this subject.	Continue working with TEC on this subject	Closed	ICT
66	M	12-10-2020	BIF Meeting with Shri Hoshiar Singh, Registrar, Copyrights	BIF organised a meeting with Shri Hoshiar Singh, Registrar, Copyrights	Meeting was held to discuss the implementation of Accessibility related provisions in Indian Procurements and to inform him about BIF initiative on this subject. SESEI is a co-chair of this committee at BIF hence attended the meeting to introduce the project and standards around the subject. Import & export of accessibility books having linkages to Copyrights.. Due to some section in the copyright act, this is restricted hence the meeting to take care of this concern. BIF requested for a gazette notification to take care however Hoshiar Singh ji	N/A	Closed	ICT

					informed that its not possible however act can be amended and consultation for the same is ongoing.			
67	E	13-10-2020	VDMA Web-seminar "Conformity Assessment for a Safe and Competitive Market	The German Engineering Federation (VDMA), organized a Web Seminar: "Conformity Assessment for a Safe and Competitive Market", on 13th October 2020.	Conformity Assessment in India has developed in a structured manner over the past 20 years following the setting up of national accreditation boards having MLA / MRA partnerships with the international forums. While product certification and quality management systems certification continue to be the two most popular streams of conformity assessment, others such as laboratory accreditation and third-party inspections have seen very significant growth catering to wide and diverse segments of industrial activity. Self-declaration is the latest stream that is being promoted by public as well as private sector. SESEI expert attended this webinar as a speaker and gave a presentation covering topics such as Single Market, Conformity Assessment, Market Surveillance, New Approach & Self Certification in Europe and IECEE scheme.	N/A	Closed	Generic
68	E	14-10-2020	BIS-IEEE Webinar on World Standards Day, 2020: Protecting the Planet with Standards	BIS, National Standards Body of India, in collaboration with IEEE, organized a webinar on "World Standards Day, 2020 with theme of 'Protecting the Planet with Standards' on 14th Oct, 2020.	The Bureau of Indian Standards (BIS), along with Institute of Electrical and Electronics Engineers (IEEE) held a webinar to celebrate World Standards Day 2020. The day, celebrated to raise awareness among regulators, industry, and customers about the importance of standardisation to the global economy, had technical sessions on environment management, air and water quality, and energy management.	N/A	Closed	Generic
69	I	15-10-2020	CCMC Project India - discussion	Ms. Jarita, CEN CENELEC organized a meeting with SESEI expert	Ms. Jarita, CEN CENELEC organized a meeting with SESEI expert to discuss: - BIS/RDSO – where we are at	N/A	Closed	Generic

					- EU delegation to India – where we could land with regards to a date - Market surveillance and book chapter SESEI expert provided her updates on these activities.			
70	E	16-10-2020	EU-India Workshop on Safe and Secure Mobile Technologies	The Webinar, called by the European Commission (DG CONNECT) and the Indian Government (Department of Telecom), was organised with the logistical support of the EU-funded International Digital Cooperation - ICT Standardization project.	Recent technological advancements (transition from 4G to 5G and beyond) and increased prevalence of mobile technologies in daily lives of citizens and in the economy are making the need to address possible security vulnerabilities all the more urgent and important. The objective of the workshop was to create a platform for discussion on the security risks and challenges emerging from current and new technologies and create a regular exchange of best practices to respond to these challenges in order to ensure safe and secure connectivity to the citizens and businesses. The online workshop brought together experts from India and Europe to discuss on Cybersecurity Rules for Telecommunications, including security framework, and Security Assurance and Certification Schemes. **Agenda of the workshop was as below:** - EU-India Cooperation on Digital Policy and Strategy - India Cybersecurity Rules for Telecommunications - EU Policy Framework - Security Assurance and Certification Schemes	N/A	Closed	ICT
71	E	19-10-2020	EBG Webinar with Mr. Hardeep Puri, Union Minister for Civil	EBG Federation organized a webinar with Mr. Hardeep Puri, Union Minister for	A great webinar with Mr. Hardeep Puri - Union Minister for Civil Aviation, Housing & Urban Affairs & Minister of State for Commerce & Industry discussed	N/A	Closed	Generic

			Aviation and Housing & Urban Affairs & Minister of State for Commerce & Industry	Civil Aviation, Housing & Urban Affairs & Minister of State for Commerce & Industry, on October 19, 2020	post COVID-19 challenges & opportunities in India with European Ambassadors and EBG members. Mr. Puri during his address said that India is very strongly fighting Covid-19 battle if we compare India with other European countries in terms of population, recovered rate is very high around 87% and very less life losses due to covid-19. he also highlighted latest trade numbers and said that India's economy has been recovering at very fast pace since unlocking began.			
72	E	21-10-2020	Webinar on "Demystifying façade safety in buildings to build safer, secure, smart and sustainable India"	BIS – IIT Gandhinagar – Underwriters Laboratories (UL) organized a panel discussion on to discuss the critical nature of façade safety of a variety of sectors.	This panel discussion organized by BIS – IIT Gandhinagar – Underwriters Laboratories brought wealth of research knowledge, standards knowledge and user perspective to demystify the safety related to building façades. The eminent panelists represented sectors including research, national and international standards, green building architecture and MEP expertise presented their views and shared best practices on building safe façade systems. A well-orchestrated design can help to assure safe buildings along with a safe, secure, smart and sustainable India.	N/A	Closed	Generic
73	I	23-10-2020	SESEI - priority topics and outreach	CEN CENELEC organized a meeting with SESEI expert and Project Partners	Agenda for the meeting was as below: **discussion on outreach:** **1. CII 28th National Conference** a. Opportunities to convey our messages without the princely fee? b. Seeking learnings on how India's quality infrastructure has been enhanced, due to conferences like these. c. Collaboration with GIZ/PTB – is the a possibility?	N/A	Closed	Generic

					d. Collaboration through the UK? Or Commonwealth Standards Network to be more politically correct for the moment.			
74	M	26-10-2020	Meeting with Mr. Vikram Singhal, doppelmayr	Meeting to discuss the Niti Aayog guidelines issued to state authorities on Implementation of BIS ropeways standards in their procurements	Govt Think tank has issued guidelines to state authorities for using BIS standards in their procurements. Meeting was held to discuss the strategy to deal with this notification in which BIS standards have been claimed equivalent to CEN standards. Guidelines were discussed in details and way forward to address it was decided.	Continue working on this subject with Industry and extend all possible help	Open	Electrical Equipment and Consumer Electronics
75	E	28-10-2020	Webinar: Standardization for EU competitiveness in a digital decade	ETSI and KREAB organized a high-level virtual debate to discuss and share ideas on a standardization strategy to stimulate EU competitiveness in the digital economy.	ETSI and KREAB organized a high-level virtual debate on 28 October to discuss and share ideas on a standardization strategy to stimulate EU competitiveness in the digital economy. Standardization must also adapt to the context it operates in, and constantly adjust to deliver the economic and societal benefits expected by all parties who invest in it.	N/A	Closed	ICT
76	M	28-10-2020	LITD 34 Smart Manufacturing P1, P2 meeting	Bureau of Indian Standards (BIS) hosts LITD 34 Smart Manufacturing Joined P1-P2 meetings	Bureau of Indian Standards (BIS) has developed a committee to develop a standards that help industries to create use cases in a systemic way. Highlights of the meeting are as below: - Prof. Amaresh Chakrabarti, Chairman, LITD 34 presented Smart Manufacturing Standards Map (SM2) Framework - Mr Saroop Chand presented the initial use case template in excel format as a basis for developing Indian Standard on "Smart Manufacturing use cases - template" - Mr. Mani, BIS presented draft ToC for writing a standard and seek inputs form members. He also	Continue working with BIS and provide inputs on EU work	Closed	Smart Manufacturing

					said that BIS being a member of IEC has right to copy the use case template available in IEC 62559 standard series or can modify wherever needed.			
77	M	29-10-2020	Virtual meeting for finalizing Technical Report on Smart Village & Agriculture	Working Group of the TEC on Smart Village & Agriculture, are meeting regularly for finalising the draft technical report on smart village and agriculture	TEC organized working group meeting to discuss inputs/comments received from WG members and said that the technical report needs to be finalized soon, members are requested to contribute in the working group. SESEI is a member of this WG and has provided EU work around Smart villages which are well considered in this draft report.	Continue working with TEC on this subject and promote EU work	Closed	ICT
78	E	30-10-2020	SDN & NFV India Congress 2020	Nexgen Conferences organized flagship event on 4th Annual SDN & NFV India Congress – A Digital Seminar which focused on the roadmap and future direction of this technology in Indian Telecom space.	Network Operators in India believes that SDN and NFV will help them to succeed as customer demand increases for more flexible networks and services. The deployment and expansion of 4G to 5G technology could also persuade operators to adopt SDN and NFV so they can maximize their return on investment. SDN &NFV networks will deliver improved network performance by centralizing and separating the control logic to make better traffic decisions. In order to provide a perfect roadmap of SDN & NFV roadmap in India, all stakeholders need to come together to discuss the potential of NFV & SDN, plus best practices, operational readiness and deployment challenges. This platform highlighted very important insights of SDN & NFV in India:	N/A	Closed	ICT

| | | | | | 1. Why telecom operators are considering SDN & NFV as suitable technologies for industry transition
2. The industry experts for future roadmaps of NFV & SDN in Indian Telecom industry
3. How SDN & NFV will be incorporated into their existing and next generation networks
4. Why SDN & NFV is important for telecom operators to maximize their ROI in digitally enabled India | | | |

List of Queries addressed during the quarter (October-December 2020)								
Sr. No.	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
1	29-12-2020	Provided Inputs to Annual Action Plan of Telecom Engineering Centre (TEC) for FY 2021-22	SUNEET KUMAR <adgs.tec-dot@gov.in >	ICT	TEC	Dear Sirs, Following new topic could be considered for AAP 2021-22: - e-Health - Human Factor covering e-accessibility - Quantum Technologies - Blockchain/Distributed Ledger Technologies For other topics which are active at ETSI are available in the corporate brochure available here https://www.etsi.org/images/files/MediaLibrary/ETSI-Corporate-brochure.pdf	Email Query	Closed

| 2 | 23-12-2020 | Dear Dinesh,
I am a retired Navy officer and consult and project manage passenger ropeways in India. I need to have CEN Regards certification due some strange requirements of GDA.

How can you help me. | Alok Sharma <alok1960@gmail.com> | Automobile | | Dear Shri Alok,

Thanks for your email query.

We represent European Standards Organisation in India of which CEN is a part. CEN standards are warranted for ensuring safety of the passengers so that the right design and equipment is utilised for the system.

We don't deal with CEN Certification; however, you can very much procure these CEN Standards and purchase them online from any of the Standards bodies from below link and go through. There is of course, a rigid process of acquiring certification for a particular standard.

https://standards.cen.eu/dyn/www/f?p=CENWEB:5:0:::::

Hope it helps.

Regards,
Dinesh Sharma | Email Query | Closed |
| 3 | 21-12-2020 | Dear Dinesh,

I got your contact details from Babette Desfossez. We are currently doing business with India and we need to check the regulations around BIS. | Andreas Geamanu <andreas.geamanu@lopos.be> | ICT | Atlas Copco India | UWB band is of concern at this stage as there is no clarity as of now – whether it will be licensed or delicensed and the debate is ongoing.

I don't know your product functioning but as it's okay for BLE - My suggestion is not to | Email Query | Closed |

| | | The HSN of our product is: 85318000

Our product measures the distance between 2 devices: www.lopos.be

If you need any other information please let me know.

By when do you think you would know this? It's just to inform our client on when we will have more info :).

Have a great day.
--
Kind Regards,
Andreas Geamanu
+32 470 20 49 78
LinkedIn
https://www.lopos.be/en/ | | | | disclose/display/use UWB band in India and import the product with BLE capabilities only. I will share a Govt notification soon on BLE frequency to show it as delicensed.

Industry stakeholders say it may take 6-8 months more to have a clarity on UWB band and mostly are in favor to go for its delicensing like BLE, but it may take time. | | |
| 4 | 14-12-2020 | Query on Time Norms/Frame if Standard Development | scgt@bis.gov.in | Generic | Bureau of Indian Standards (BIS) | Dear Sir,

As asked, please note below response from CEN-CENELEC and BSI on it:

CEN-CENELEC:

- CEN-CENELEC currently follows a Flexible development Process, which is a new process for standards development where the Technical Committees are made fully responsible for the timely and effective delivery of standards by enabling them to autonomously plan and organize their work | Email Query | Closed |

| | | | | | within a specified maximum timeframe. The technical committees define the timeframe and change the planning accordingly during the development. The maximum timeframe is ~27months. There are differences for technical specifications and technical reports, which undergo a much shorter timeframe. A word document on this Flexible development Process and associated timelines is available at https://boss.cen.eu/ref/Flex_process_operational.pdf and a webinar/training session video is available at https://www.cencenelec.eu/news/videos/pages/video-2020-25.aspx

BSI:

- A National standard (BS) – could take 18 -24 months
- A PAS (fast track standard that has similar characteristics to a BS) – 6 months+
- A BSI Flex (agile iterative standardization deliverable) – weeks

Warm Regards,
Dinesh Chand Sharma | | |
| 5 | 09-12-2020 | Shared Rail Report on Standards prepared by SESEI | BUCKI Michael (EEAS-NEW DELHI) | Railway | EU Delegation to India | Dear Michael,

Hope all is well. | Email Query | Closed |

						Please find report on Railways Standards at below link in reference to our call earlier. - http://www.sesei.eu/wp-content/uploads/2018/02/Railway-standards.pdf Regards, Dinesh		
6	07-12-2020	Provided information on quantum technologies status in India	Christie Jarita <JChristie@cencenelec.eu>	ICT	CEN-CENELEC	Dear Jarita, Please find enclosed the consolidated activities in India around Quantum. Regards,	Email Query	Closed
7	02-12-2020	Sir Could you kindly arrange a copy of TR (DTR /0057) Guide to Cyber Security for Consumer Internet of Things and TS 103 701 Cybersecurity assessment for consumer IoT products as these are required for reference in the Security by Design document. Regards Shekhar Singh Assistant Director IoT-Division, TEC K.L.Bhawan, New Delhi -110001	Shekhar singh <ad.iot-tec@gov.in>	ICT	TEC	Dear Sir, The document as you have asked are work in progress at TC CYBER. As TEC is an ETSI member now, anyone from TEC having an ETSI OnLine (EOL) account can access any of working document as desired. While I have enclosed the latest available draft, it can also be accessed, from the work item page below: - DTR/CYBER-0057 (TR 103 621) is an early draft, latest version is v0.0.3 from 30 October: https://portal.etsi.org/webapp/WorkProgram/Report_WorkItem.asp?WKI_ID=59473 - TS 103 701: this TS is more advanced however It still requires a lot of work. The v0.0.4 from early September is undergoing extensive revisions following comments from	Email Query	Closed

| | | | | | CYBER delegates. A new v0.0.5 should be hopefully ready between mid-December and mid-January. Hence we recommend waiting for this new version https://portal.etsi.org/webapp/WorkProgram/Report_WorkItem.asp?WKI_ID=58434

If you or any one from your office is interested in following progress of these documents, We invite to subscribe to the CYBER_IOT mailing list (https://portal.etsi.org/Portal_MailingList/redirect.asp?SUBED1=CYBER%5FIOT&A=1&TBName=CYBER) . We also see that Mr Suneet Kumar Tomar (adgs.tec-dot@gov.in) is present on this mailing list.

While are continue working with your office on this "Security by Design document" and we have very well captured relevant ETSI standards and Europe work in it (last version enclosed, Is there further update to it), is there any clarity by now - how TEC plan to use EN 303 645, TS 103 701 and TR 103 621. ETSI TC CYBER is very keen on international adoption of this series of standards and would be glad to be informed.

Feel free to let us know if we could of any assistant further on it. Copying my ETSI colleague for this information and further exchange. | | |

| 8 | 25-11-2020 | Dear Sir,
could you please share the latest version of EN 301 549 on Accessibility requirements for ICT products and services.

Regards,
Manikandan K | LITD <litd@bis.gov.in> | ICT | Bureau of Indian Standards (BIS) | Dear Manikandan & Bhanu Ji,

Latest version of EN 301 549 is V3.1.1 as available for download at below link. Just in case link doesn't work, I am enclosing the standard.

https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_20/en_301549v030101a.pdf | Email Query | Closed |
| 9 | 28-10-2020 | Dear Dinesh,
I trust that you and your family are in good health!
As you know the situation is rapidly deteriorating here.

First of all, big thanks for your excellent cooperation on this matter, we all learned a lot.

I would still have one perhaps small question, on conformity assessment recent revision, BIS (Conformity Assessment) Amendment Regulations, 2020, and I could not understand which product categories are included in this one and if foreign entities could be involved. I checked yesterday evening the English part, but perhaps I was too tired.
If and when you have a moment, it would be interesting to know this for the future briefings. | Anna.SAARELA@ec.europa.eu <Anna.SAARELA@ec.europa.eu> | Generic | European Commission | Dear Anna,

All well here, and Yes, I keep reading about the deteriorating situation in EU again, its no good. Stay safe.

Its my duty and pleasure to work with you and address whatever queries you have, or you get it. Learning shall continue in life and sharing is the best way to learn.

BIS (Conformity Assessment) Amendment Regulations, 2020 is an amendment on top of The Bureau of Indian Standards (Conformity Assessment) Regulations, 2018 hence they shall be ready together. If the question on foreign entities is related to Foreign Manufacturer you will find T&C in the The Bureau of Indian Standards (Conformity Assessment) Regulations, 2018 and as well on BIS website here https://bis.gov.in/index.php/fmcs/foreign-manufacturers-certification | Email Query | Closed |

		Take care and keep safe! Kind regards, Anna				Regards , Dinesh Sharma		
10	28-10-2020	Dear Dinesh, Thank you for your quick response, much appreciated. Indeed, sharing information and thoughts are the best way to learn. I will look at the Regulation 2018 and other links. My question was more on the compulsory registration scheme and the wider acceptance of foreign test results as a basis for the registration given an extended coverage of products – over the past couple of years. Moreover, I was trying to find an information on the possible introduction of a single registration for multiple factories manufacturing - the same product under the same brand - and the responsibility of the same brand owner. As I may recall we had same kind of concerns of an increasing trend with regard to the obligation for toys imported into India to be tested by a test laboratory accredited by NABL. Which replaces the earlier requirement according to which	Anna.SAARELA@ec.europa.eu <Anna.SAARELA@ec.europa.eu>	Generic	European Commission	Dear Anna, In general, Indian authorities are not accepting foreign test irrespective whether product falls under mandatory testing or compulsory registration order. Yes sometime for some product categories Government order/notification allows it but that too only for a short transition period mostly until Indian standard (whether global adoption or local development) is not ready – Toy notification is the right example of it http://www.egazette.nic.in/WriteReadData/2017/178522.pdf Regarding same product, single registration for multiple factory production, as far as I know they have not allowed this until now and it can be seen from the FAQ 11 https://www.crsbis.in/BIS/app_srv/tdc/gl/docs/ModifiedFAQsFeb2019.pdf. Different brand same product is also clarified in 10, 51 FAQ. Regards, Dinesh Chand Sharma	Email Query	Closed

| | | imported toys had to conform to international standards (such as ISO 8124) and testing to be done by laboratories accredited under ILAC MRA.

These are questions I found really interesting and continue to "digging" more information.

Take care and keep safe! What we have learned about Covid-19 is that we need to wear masks and continue to extend our social distancing – in addition of washing our hands etc.

Kind regards,
Anna | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 11 | 14-10-2020 | Hi Dinesh,

Thanks for the communication.

The context here in discussion is ETSI & Process followed by ETSI to make any specification to standard before it becomes a Regulations (mandatory to follow).

- The Point made by us is in the context of ETSI & TS 102 706-2 for energy efficiency and not in reference to the OneM2M & its standard. TEC has used the example of OneM2M to | Vipin Gupta <vipin.gupta@ericsson.com> | ICT | Ericsson | Dear Vipin,

I know it's quite late, sharing it as it may still be useful. Please note below a response received from ETSI EE and its Ericsson officer only Mr Daniel Dianat <daniel.dianat@ericsson.com>

ETSI TS 102 706: This is an old version which is on Technical Specification covering both static and dynamic measurement method of radio base station. Since this is old we should NOT have any reference to this document.

ETSI ES 202 706: This is the version where | Email Query | Closed |

		justify their action. - OneM2M may have different procedure to qualify certain specifications for implementation as standard or Mandate. And depending upon the situation/ internal rules ETSI may promote to use it as TS but that may not be a general rule for all the TS framed by ETSI. - ETSI TS goes thru different set of process for approval (as mentioned in your email) before it becomes a Standard ES. And that's the whole point. - ETSI TS 102 706-2 is under TS stage for almost 2 Years and nothing has moved forward, there must be a reason for not going ahead in process. Unlike OneM2M TS 0001 or others. - ITU-T 1310 standard refers to ES 202 707-1 and do not mention of EN TS 102 706-1. - Eco guidelines for IT Industry in Japan also limits its reference to ES 202 706-1 for RAN products GSM, WCDMA, LTE and LTE Advanced. - China, US & even EU do not use TS 102 706-2 directly or as reference for Testing for energy efficiency. - Globally No entity (Technical/ Standardization/ Regulatory) is considering TS 102 706-2 as reference, to the best of my				both the static and dynamic version are included. We at ETSI EE decided to spit this document into two documents, one for static measurement method (ES 202 706-1) and one for dynamic measurement method (ETSI TS 102 706-2). The dynamic version, ETSI TS 102 706-2 is on Technical Specification level due to the request from a number of members on NOT having on ES level. So, in terms of references, please for static measurement method refer to ETSI ES 202 706-1 and for dynamic measurement method refer to ETSI TS 102 706-2. Regards, Dinesh C Sharma		

		understanding. Ericsson intent is to be active contributor for making of right standard. Wrong references will not lead to the benefit of any one in the eco-system. We have experienced the outcome of wrong work when they become mandatory example – the whole Industry got stuck with 1 clause for Interface testing of media gateway and result was – for almost 18 months no OEM got the Interface approval. Ericsson's ask from ETSI is limited – a Note from ETSI side stating the status of TS 102 706-1 & its future. Acceptance of this TS as part of TEC standard, which is likely to become a mandatory – part of MTCTE, has larger impact. Regards, Vipin						
12	14-10-2020	Inputs to draft report on "IoT / ICT standards for Smart cities" being produced by TEC	NAMRATA SINGH <namrata.singh51@gov.in>	Smart Cities	Telecom Engineering Centre (TEC)	Dear Sir/Madam, We have updated the report with latest update as below in chapter 4.2.3 - ETSI has extended its SAREF IoT interoperability specifications to include automotive, eHealth, wearable and water. Regards, Dinesh C Sharma	Email Query	Closed

| 13 | 12-10-2020 | Dear Dinesh,
After having spoken with Silvia I hereby send you some "easy "questions on our TBT front outside - regarding India:

• What is Indian legislative framework on product safety?
• Do they have a market surveillance system in place?

Thanks a lot for your elaborating,
Kind regards,

Anna | Anna.SAARELA@ec.europa.eu <Anna.SAARELA@ec.europa.eu> | Generic | European Commission | Dear Anna,

Please note below my response.

• What is Indian legislative framework on product safety?

There is no dedicated law on product safety however In India, the Consumer Protection Act, 2019 ("CPA 2019") which replaced the erstwhile Consumer Protection Act, 1986 in entirety, defined product liability as the 'responsibility of a product manufacturer or product seller, of any product or service, to compensate for any harm caused to a consumer by such defective product manufactured or sold or by deficiency in services relating thereto'.

Other laws related to product liability in India was essentially governed by contracts, the Sales of Goods Act, 1930, the Indian Penal Code, 1860 and certain specific statutes pertaining to specific goods and standardization.

Bureau of India Standards (BIS) is the most significant agency for product safety and development of product standards. The new BIS Act 2016 allows the central government to notify certain goods/articles/ processes/systems or services, or any essential requirements for such | Email Query | Closed |

| | | | | | goods/articles/ processes/systems or services that will need to compulsorily comply with prescribed standards and carry a standard mark. This notification of technical regulations by Indian ministries is often called "Quality Control Orders.

In addition to the foregoing, specific industries such as the food, pharmaceuticals, automotive and electronics have specific laws that govern and regulate product standards, product safety and liability in these sectors. Besides BIS, there are 20 other bodies engaged in the development of voluntary standards in India. List is available here. For the list of Regulatory bodies in India, Please click here and regulated sectors are available here

• Do they have a market surveillance system in place?

In India, market surveillance is a part of conformity assessment for regulated products. India does not have a centrally coordinated market surveillance system and procedures and responsibilities depend on the regulated products and controlling Ministry. The BIS plays a central role in the Indian conformity assessment system. It operates several schemes for the certification of goods and articles. For products covered by the | | |
|---|---|---|---|---|---|---|---|

| | | | | | mandatory certification of BIS, market surveillance takes place in two ways:
1. Certification surveillance: As a certification body that follows the Type IV (ISO 17067) Certification Scheme, BIS is responsible for taking samples of certified products from the market and testing them in BIS recognized labs to reconfirm their conformance to the relevant Indian Standard.
2. Enforcement surveillance: Quality Control Orders specify the appropriate authority which is responsible for securing compliance. In most cases the appropriate authority is the relevant regulator or line ministry and the state governments. The appropriate authority is responsible for ensuring that products are not being manufactured, stored or supplied without the required certification.
In May 2018, Ministry of Electronics & IT notified a modified surveillance process for electronics and IT goods. For its implementation, it appointed the Software Technology Parks of India (STPI) to take random surveillance samples from the market.

In another development, on May 29, 2018, the Bureau of Energy Efficiency signed an MoU with the National Accreditation Board for Certification Bodies (NABCB) as per which NABCB would make available accredited product certification bodies as Independent Agencies for Monitoring and Evaluation (IAME) under the BEE Standard and Labelling | | |

					program. The product certification bodies will carry out surveillance activities to support implementation of the labelling program. Regards, Dinesh Chand Sharma		