Annexure 2

Activity Tracker & Queries for the period of 'January-March 2022'

Quarterly Report No. 11

Sr. No.	Description	Total Until now	In Last Quarter (Jan to March 2022)
1	External Meetings	378	43
2	Internal Meetings	85	9
3	Events/Seminar/Workshop/Roundtable	373	41
	Total	**836**	**93**
4	No of Queries	99	6

SESEI-IV

Quarterly Activity Update: Jan to March 2022

Sr. No	CAT	Date	Meetings/Events:	Subject:	Outcome:	What Next	Status	Sector
1	M	01-03-2022	Meeting of the BIF Committee on ICT for Inclusive Ability - Discussion on doing a research paper and a Hackathon in the year	Meeting of the BIF Committee on ICT for Inclusive Ability was held on 1st March 2022. The main agenda of the meeting was - Discussion on doing a research paper - Hackathon on the ICT for Inclusive Ability	The agenda for the meeting was to discuss the way forward to work on the 2 action items in the Work Plan for the year 2022: i) Doing a Research Paper ii) Organising a Hackathon Mr. Dinesh Chand Sharma, SESEI agreed to take up the subject of organising a Hackathon with Microsoft and other technology stakeholders and explore presenting a concept note on organising a Hackathon exclusively for Persons with Disabilities. Dinesh will also explore if other EU-INDIA Instruments can be explored as a partner organisation to conduct this hackathon.	Successful organization of a Hackathon	Open	Accessibility
2	E	02-03-2022	India Smart Utility Week (ISUW) 2022 from 2nd to 4th March on digital platform	SESEI attended following workshops: - 11th EU-INDIA Smart Gird Workshop PART-A (In Partnership with European Union) - 1st Germany ±India Smart Energy Workshop (In Partnership with GIZ, Germany)	The Delegation of the European Union (EU) to India through the EU-India Clean Energy and Climate Partnership (CECP) project has set up a dedicated "EU Zone" showcasing technologies, products and expertise from EU Member States, industry associations, projects and companies. ISUW 2022 is also playing host to 11th EU-India Smart Grid Workshop, being organized in 2 parts. Part A is focusing on Smart Grid Handbook for India while Part B covers ongoing and prospective projects for Building Energy Communities and Social Innovation, as well as on Interconnection of Regional Grids in Asia.	N/A	Closed	Electrical Equipment including Consumer Electronics

3	M	02-03-2022	Meeting with EU-INDIA ICT Project on discussing TEC Proposal on setting up oneM2M Lab and presentation from Dekra (authorised Lab under GCF, TTA)	TEC proposal of setting up oneM2M lab and presentation from M/s DEKRA	Meeting was held to discuss the TEC proposal of setting up oneM2M lab in India and in this regard to organise a Webinar to have more understanding around it. M/s DEKRA was contacted by ICT Project coordinator for understanding their work around oneM2M test and certification to understand their activities globally and in India. M/s DEKRA shared their activities including their call with TEC officers on this subject. Purpose is to align the scope of lab at TEC and its possible partnership.	Review their presentation and finalise it along with ICT Project team members for it to be shared with TEC	Open	ICT
4	E	03-03-2022	Webinar Series on DevOps - Part 3 Understanding DevOps, Hosted by LITD, Bureau of Indian Standards	Bureau of Indian Standards for the purpose of creating awareness and education, is holding a Webinar Series on DevOps	DevOps is a set of practices that combines software development and IT operations. It aims to shorten the systems development life cycle and provide continuous delivery with high software quality. Programme for the third webinar on Understanding DevOps focused on the following agenda items; 1. Welcome Address and Recap of PART 1 and PART 2 2. IEEE 2675 3. DevOps Implementation Challenges 4. DevOps Trends 5. Demo SESEI expert attended the webinar to gain knowledge about standards in this area.	N/A	Closed	ICT
5	E	04-03-2022	BIS Webinar on 'Standardization in	The main objective of conducting this seminar was;	As the National Standards Body of India, Bureau of Indian Standards took the initiative to create	N/A	Closed	Services

| | | | Transportation of Dangerous Goods' was held in association with Chartered Institute of Logistics and Transport India | 1. To create awareness about importance of standardization activities in Transportation of Dangerous Goods.
2. To understand the risk involved and importance of safety in this field.
3. To provide an overview of wide circulation document on 'Transportation of Dangerous Goods – Guidelines'.
4. To identify organizations/individuals having expertise in these services who can contribute to preparation of standard on Transportation of Dangerous Goods. | awareness about the importance of standardization in Transportation of Dangerous Goods and started the work to formulate Indian Standard on this subject under Transport Services Sectional committee, SSD 01. In order to obtain suggestions and inputs for consideration in standardization in this area, BIS is organized a Webinar on 'Standardization in Transportation of Dangerous Goods'.
The Webinar facilitated eminent speakers and domain experts to share the best practices and their experiences in Transportation of Dangerous Goods. The main topics discussed during the webinar were;
1. Overview of Transport in India with Brief Outline on Transportation of Dangerous Goods
2. Importance of Safety and Major Hazard Risk
3. Significance of Classification of Dangerous Goods
4. Understanding Rules, Regulations and Guidelines
5. Need for Standardization of Dangerous Goods
6. Overview of Draft Standard on Transportation of Dangerous Goods

SESEI attended this webinar to gain knowledge about standardization work being done at BIS around Transportation of Dangerous Goods. | | | |
| 6 | E | 04-03-2022 | NTIPRIT organised Roundtable on "5G security Issues and Security Testing" | NTIPRIT Ghaziabad, Department of Telecommunications, Ministry of Communications, Government of India organised a roundtable on 5G security Issues and Security Testing" | The Roundtable was held to bring together Key Government Agencies, Equipment OEMs, Telecom Service Providers, Solution Developers and Academic Research Bodies to deliberate on the key aspects pertaining to security dimensions of 5G ecosystem. The main topics discussed during the webinar were;
- 5G Network equipment Security
- Security challenges in 5G devices | N/A | Closed | Security |

					- Security challenges in 5G deployment & Applications			
7	I	04-03-2022	Technical Input to SESEI V draft ToRs meeting with ETSI Project Coordinator	Meeting to discuss the technical input based on SESEI-IV experience and present status of policies	SESEI held a meeting with the ETSI Project Coordinator to discuss the technical input based on SESEI-IV experience and present status of various policy matter which ETSI can use it for defining the Terms of Reference for the SESEI V Technical Proposal. All relevant inputs were shared and discussed with ETSI team.	N/A	Closed	Generic
8	M	07-03-2022	Meeting between Xavier Piednoir, ETSI and officials from Department for Digital, Culture, Media and Sport (DCMS) on IoT Security	A meeting was held b/w ETSI, SESEI and DCMC to discuss the webinar on Cybersecurity for Consumers in the domain of IoT.	SESEI has been working with the ETSI, DCMS and TEC on issues related to Code of Practice for Consumer IoT and implementation of EN 303645 for Cyber security. In this regard, SESEI scheduled a introductory virtual meeting between Xavier and DCMS officials. The main discussion was held on organising a joint webinar on Cybersecurity for Consumers in the domain of IoT, sharing experiences and best practices during the last week of April 2022.	Successful organization of webinar	Closed	Security
9	M	09-03-2022	Virtual Meeting with Vision Vibes Newsletter and Social Media Design	A virtual meeting with the Vision Vibes company was held to discuss the objective and work scope for the SESEI Newsletter and Social Media Design	SESEI held a meeting with Vision Vibes company to discuss the objective and work scope for the SESEI Newsletter and Social Media Design. During meeting it was decided that: - SESEI will provide content for newsletter to create pdf and web version of newsletters - The contract b/w SESEI and Vision Vibes will be only for next 4-5 as the present phase of SESEI Project will be ending soon in August 2022.	Release of next edition of newsletter India & Europe	Open	Generic
10	E	10-03-2022	TSDSI Standardization Roadmap Workshop	TSDSI held its Annual Roadmap Workshop on 10th March 2022. The purpose of the workshop is to seek opinion and recommendation	The main topics of discussion were; 1. Towards a Flexible and Efficient Mobile Network Architecture using AI/ML - IIT-Bombay 2 Reference Architecture for Automated Electric Road Transportation - Sirab Technologies 1 3. Waveform and Physical Layer aspects of 6G Radio	N/A	Closed	ICT

				of the members on the Key Focus Areas.	Interface – Nokia 4. Specification Group on Intelligent Reflecting Surfaces- IIT-Bhilai 5. Path Planning and Mobility Analysis of UAVs in Dense Urban Deployments- Lekha Wireless 6. 5G Vertical Operator Platform- Huawei 7. AI/ML in the future networks - Nokia 8.Mapping of deterministic flows between DetNet and TSN - Ernet, IISc 9. Terahertz Super-Massive MIMO Communication Systems for Outdoor and Indoor by IIT-Kharagpur 10. A Framework for Developing and Deploying Portable RAN applications- Saankhya Labs 11. Relay design in THz communication with multi-band OFDM by IIT-Kharagpur 12 Concurrent Spectrum Sharing to Enable Next Generation Wireless Systems- IIT-Guwahati 13 non-Terrestrial network roadmap- Thales Alenia Space/SIA-India 14 Interworking of Non-3GPP Broadcast Networks with 5G System- IIT-Bombay			
11	M	10-03-2022	Meeting with IRD, BIS	SESEI held a meeting with the Head IRD, BIS to handover the signed copy of the ETSI and BIS MoU and discuss other action items	SESEI in the meeting held with head IRD discussed following items; 1. BIS-CCMC MoU 2. BIS MoU - Press Release 3. Framework License Agreement 4. Temporary license agreement 5. Coordination call between CEN-CENELEC-BIS 6. BIS-ETSI MoU 7. BIS MoU - Press Release 8. List of 21 Services Standards 9. BIS Adoption of EN/BS/DIN: SESEI BIS Catalogue 10. Exchange of knowledge sharing around UN SDGs	Continue working with BIS on topics of mutual interest	Closed	Generic

					& Standard 11. Market Access 12. Circular Economy, Resource Efficiency Standards 13. Electrical Installation Rules 14. Railways 15. BIS MoU - Press Release 16. Framework License Agreement			
12	E	11-03-2022	The Digital Dialogues on Social and Economic Implications of End-to-End Encryption	Broadband India Forum (BIF) organised a Special Virtual Session of The Digital Dialogues on 'Social and Economic Implications of End-to-End Encryption'	Broadband India Forum (BIF) organised a Special Virtual Session of The Digital Dialogues on 'Social and Economic Implications of End-to-End Encryption'. The session entailed a panel discussion on the subject, along with a brief presentation of the report commissioned by BIF titled "Unpacking Social and Economic Gains from Encryption" prepared by Aapti - a reputed public research institute, and a panel representing stakeholders from the Government and the Industry, who engaged and deliberated on the implications of encryption policy for both the citizens and the state. Joint Secretary, National Security Council Secretariat (NSCS), Government of India chaired the panel discussion. Prof. Debayan Gupta, Assistant Professor of Computer Science, Ashoka University and Mr. Raman Jit Singh Chima, Asia Pacific Policy Director & Global Cybersecurity Lead, Access Now and Mr. Robin Wilton, Director, Internet Trust, Internet Society/Global Encryption Coalition (GEC) were panellists for the discussion. - Dr. Sarayu Natarajan, Founder, Aapti institute presented the highlights of the report before the panel discussion.	N/A	Closed	ICT

| 13 | E | 12-03-2022 | Hybrid Event - AI Services for Differently Abled | A hybrid event on AI Services for Differently Abled was organized by WiDS Pune | This was a special session where people who have vast experience in managing differently abled people shared the challenges differently abled face and how technology can be an enabler for them to live fulfilling and independent lives. Technology has tremendous power of speed, scalability, accuracy, reach and personalization.

The discussion also focused on - Case study of leaders who have overcome visual/hearing/locomotor disabilities at Maya CARE leading productive lives and building careers. How can we develop innovative solutions using latest technologies?

SESEI expert is working on this subject of accessibility. | N/A | Closed | Accessibility |
| 14 | E | 15-03-2022 | WEBINAR ON "Participation and Contribution in ITU and 3GPP" | A webinar on "Participation and Contribution in ITU and 3GPP" was organized by Telecommunications Standards Development Society, India (TSDSI) and National Telecommunications Institute for Policy Research, Innovation and Training (NTIPRIT) on 15 March 2022. | In today's connected world powered by information and communication technologies, inter-operability, user experience, security aspects, lifecycle costs etc. are ensured through the comprehensive collaborative process of standardization of technologies. ITU and 3GPP are the main international bodies coordinating & synergising the efforts of Standards Development Organizations worldwide in the field of ICT. In India, Telecom Engineering Centre, Government of India and TSDSI coordinate this process. This webinar aimed to spread awareness about the process of contributions and opportunities for Start-ups, established industries, academia and professionals to be part of the standards development process. The main topics in the technical session were ; | N/A | Closed | ICT |

					- ITU Structure and Processes - 3GPP Standards Development process - Functioning of NWG and Contribution submission process			
15	E	15-03-2022	FICCI Tech Thought Leadership session on Cloud and Sustainability: The journey towards net-zero emissions	Tech Thought Leadership Session on "Cloud and Sustainability: The journey towards net-zero emissions" was organised by FICCI	The main agenda of the though leadership session was ; 1. Audio/Video Presentation on Net Zero Cloud 2. Panel Discussion Cloud and Sustainability: The journey towards net-zero emissions	N/A	Closed	Security
16	E	15-03-2022	ENISA-CEN-CENELEC-ETSI Cybersecurity Standardisation Conference 2022	ENISA-ESOs Cybersecurity Standardisation Conference 2022 was held on 15th March on the European Standardisation in support of the cybersecurity legislation	For the 6th time, the European Standards Organisations CEN, CENELEC and ETSI, joined forces with ENISA, the European Union Agency for Cybersecurity, to bring you a virtual Cybersecurity Standardisation Conference on 'European Standardisation in support of the EU cybersecurity legislation'. Dedicated sessions discussed, among others: Panel 1: EU Cybersecurity Standardisation - where are we heading? Panel 2: Infrastructures and Supply Chain Security Panel 3: Digital Identity Wallets Panel 4: Artificial Intelligence Cybersecurity Panel 5: Future of Data Protection Standardisation	N/A	Closed	ICT
17	E	15-03-2022	TIC Council Webinar - Policy and Regulatory Framework on Conformity Assessment for Telecom products: A Global Update	TIC Council, in association with the Department of Telecommunications (TEC) organised a webinar on "Policy and Regulatory Framework on Conformity Assessment for Telecom Products: Global Best Practices and Priorities".	Over the next five years, rise in mobile-phone use and decline in data costs will add 500 million new internet users in India, creating opportunities for new businesses. By 2025, India will need ~22 million skilled workers in 5G-centric technologies such as Internet of Things (IoT), Artificial Intelligence (AI), robotics and cloud computing. TIC Council with the Ministry of Telecommunications	N/A	Closed	Generic

| | | | | | (TEC) and other regulatory stakeholders by notifying mandatory testing and certification of telecommunication equipment, thus laying strong foundation towards ensuring a robust quality and conformity ecosystem for telecom gears in India.

The webinar witnessed the presence of senior policy makers from Ministries & regulatory bodies of India, E.U & U.S along with senior Industry leaders from the Telecom and TIC industry, sharing their experience, global trends, and best practices towards ensuing Quality and safety of Telecom Gears in India. | | | |
|---|---|---|---|---|---|---|---|---|
| 18 | E | 15-03-2022 | Round Table on Standards for Community Masks | A roundtable on developing standards for Community Masks was organised by IFC. | The webinar aimed to have speaker/panellists from each of BSI, ASTM and CEN, and BIS respectively to speak about their experience and some key considerations in developing their respective standards for community masks. SESEI coordinated including CEN speakers for the workshop.

The main focus or highlights of the roundtable were ;
1. Need for discussion on Standardization of Community Masks
2. An Overview of Standards on Community Masks
3. Indian experience in producing Community Masks
4. Round Table Discussion - International experiences and considerations in developing standards for Community Masks

 A questions /answer session was also designed in which the session moderator Mr Anil Jauhri asked | N/A | | Closed | Generic |

					the organization experts 1-2 questions respectively to further the discussion.			
19	E	16-03-2022	Webinar on 5G use cases in Health and Agriculture Sector	National Telecommunications Institute (NTIPRIT), the apex Officers Training Academy of Department of Telecommunications, Ministry of Communications, Government of India organized a Webinar on '5G use cases in Health and Agriculture sectors', as part of webinar series on 'Emerging trends in 5G'	The highlights of the session were ; - 5G Key capability and technologies to support potential use cases in Health and Agriculture Sectors by - Prof. Bhaskar Ramamurthi, IIT Madras - Disruptive Innovations for Smart Farming by Dr R.N. Sahoo, Principal Scientist, Indian Agricultural Research Institute (IARI) - Showcasing 5G Use cases in Health and Agriculture Sectors: Presentations by Speakers from Industry (M/s Reliance JIO/ M/s Easiofy Solutions/ M/s Capgemini/ M/s Innogle) The webinar on "5G use cases in Health and Agriculture sector" brought together leading minds of Government, Industry, OEMs, Academia cutting across sectors to discuss 5G key capability and technologies to support potential use cases in Health and Agriculture Sector and Industrial Speakers showcased 5G Use cases in Health and Agriculture Sectors.	N/A	Closed	ICT
20	M	16-03-2022	LITD 28 - Smart Infrastructure Sectional Committee - Meeting 24	Bureau of Indian Standards (BIS) organized 24th meeting of Sectional committee of LITD 28 on Smart Infrastructure to review the work of panels within LITD 28.	**The Meeting highlights are as under;** 1. Dr Inder Gopal, in his brief opening remarks mentioned about the more focusing on developing implementation guidelines and compliance frameworks for the standards already developed by LITD 28, he also emphasized that the committee spent lot of time in discussing on different aspects of implementation guidelines and its time to bring out the deliverables and to provide guidance to cities to help them understand what it is meant by	N/A	Closed	Smart Cities

					compliance and how to achieve it. **2. DRAFT INDIAN STANDARDS UNDER PUBLICATION** **:** It was informed by the Member secretary that the following document was issued under wide circulation for public comments. As no comments were received the document was finalized in consultation with the chairman and sent for printing. • LITD 28 (18457) - IS 18010 (Part 4/Sec 1):2022 - "Unified Digital Infrastructure -Unified Last Mile Communication Protocols Stack – Part 4 Network Access Interface Layer (IEEE 802.15.4) - Section 1 Specification (adoption of IEEE 2857). 3. STANDARDS DEVELOPED BY LITD 28 and their status - LITD 28/P1- Last Mile Communication Protocols : Issuing amendment to IS 18010 (Part 5/Sec 1):2020 and Update on Application layer and Semantics standardization - LITD 28/P6 - ICT RA - P7 - Data layer Architecture - P9 - IoT Systems Reference Architecture : Mr Aurindam Bhattacharya, convener of Panel 9 informed the following: ■ Panel 9 will develop a deployment scenario based on the reference , architecture. ■ He has initiated the collection of IoT use cases, cutting across multiple domains and the development of the deployment model will be initiated shortly and the panel will be able to complete it by May 2022 (in around 6meetings). - P10 - GIS Framework			

| 21 | M | 17-03-2022 | Preparation Meetings for the proposed online Workshop/Webinar on Cyber Security – M2M/IoT | Preparation Meetings for the proposed Online Workshop/Webinar on Cyber Security – M2M/IoT scheduled to be held on 27th April 2022. SESEI is involved in organising an online webinar along with ETSI, TEC, GCF and DCMS. | The members of the organising committee for the webinar are scheduling periodic meetings for organisation and execution of the Webinar on Cyber Security – M2M/IoT. List of action items, the timelines, responsibilities and status are discussed. The main things for finalisation are:
 1. Platform for hosting the webinar
 2. Registration and other details
 3. Background note, speakers' letter, Block your dairy invitations etc.
 4. Draft Agenda, suggested topics, suggested speakers
 5. Other logistics | Successful organization of webinar | Closed | Security |
| 22 | M | 21-03-2021 | Meeting with DG PRT BIS & Head Training Chandan Behl | A meeting was requested by DG PRT BIS & Head Training . This meeting was in context of the next steps post signing of MoU between BIS and CEN CENELEC as well as BIS and ETSI. The BIS Officials expressed the need to engage in sharing of best practices as well as training for the Senior BIS Officials. | The discussion the BIS delegation comprising of Sh. D. K. Agrawal, Deputy Director General, BIS, Sh. Chandan Bahl, Head (NITS & TNMD), BIS and the undersigned had with SESEI on 21.03.2022 regarding the exposure visit and training of BIS officials under the provisions of the Memorandum of Understanding (MoU) recently signed between BIS-CEN-CENELEC and ETSI. The MoU clearly defines scope of technical exchanges, knowledge sharing and training with provision as listed below to further strengthen the ongoing cooperation in standardisation.
 -       Exchanging information and experiences on standardization, as well as textbooks and other training materials on standardization.
 -       Arranging experts' workshops, seminars, and symposia in the areas of mutual interest.
 -       Arranging experts' practical training and study visits in the areas of mutual interest.
 -       Exchanging specialists and lecturers in the | Successful organizing a visit and training of BIS officials in Europe | Open | Generic |

					areas of mutual interest In this regard, BIS would like to request the following: (1) Organize a week long training cum exposure visit for a BIS delegation of around 20 members for studying the best practices in EU regarding standardization, conformity assessment, testing, accreditation, Research & Innovation supported by standards, Educational Utilization of Standards, Harmonization with International Standards, Standardization Strategy etc. (2) Nomination of experts who can deliver lectures in training programmes organized by National Institute of Training for Standardization, Noida, the training Institute under the aegis of BIS, on the above topics or any other related topics.			
23	M	21-03-2021	Meeting with Mr. Reji Pillai, President India Smart Grid Forum	A meeting was requested by President of India Smart Grid Forum Mr. Reji Pillai with SESEI. ISGF is currently working on the amendment of the Indian Standard for Smart Meters IS 16444	ISGF sought cooperation from SESEI on getting recommendation for inclusion of DECT Technology as one of the technology options for this Communication Layer Protocol for Smart Meter architecture. A draft letter in this regard was prepared by SESEI and shared with ETSI for final inputs. The same has been finalised and submitted with BIS	Successful inclusion of DECT Technology in Indian Standard for Smart Meters IS 16444	Closed	Electrical Equipment including Consumer Electronics
24	M	22-03-2022	Future Telecoms - Catapult Interview	Discussion around Future Telecom Topics in India	Organisation Catapult working on some future telecom related project requested an interview meeting with SESEI expert to discuss the relevant topics around telecom, which can be worked on for cooperation with India. SESEI expert shared inputs based on ETSI & 3GPP and oneM2M related activities and shared the latest status around Indian Innovation ecosystem around it.	N/a	Closed	ICT

25	E	22-03-2022	Virtual knowledge session on "Green Hydrogen-based Chemicals"	The Indo-German Chamber of Commerce in collaboration with the Indo-German Energy Forum organised a virtual knowledge session on "Green Hydrogen-based Chemicals"	Experts from Germany gave insights into the challenges and opportunities of green ammonia and green methanol production. The main highlights of the webinar were; -Green Hydrogen-based fuels: The trend towards e-ammonia and e-methanol by Mr. Matthias Schimmel, Guide house - Green Hydrogen-based chemicals as a driver for decarbonization, by Mr. Matthias Schlegel, Fichtner GmbH - Path and challenges to world scale green ammonia production by Dr. Christian Renk, thyssenkrupp Industrial Solutions AG SESEI attended this knowledge session on Green Hydrogen.	N/A	Closed	Electrical Equipment including Consumer Electronics
26	E	24-03-2022	EBG, BBG & CBI organised a Networking evening for the partners	A Networking evening for the partners was organized by EBG, BBG & CBI	As the covid norms have been relaxed a networking evening was organised by the EBG jointly with BBG and CBI for its partners and members. SESEI was invited and attended the same for networking opportunities.	N/A	Closed	Generic
27	M	24-03-2022	Virtual meeting of TEC Working Group (WG) on "Security by design Principles in M2M device manufacturing and National Trust Centre for certification of M2M devices and applications"	The 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" was organized on 24.03.2022	Draft National Trust Centre for IoT document was discussed and finalized in the WG meeting. Telecom Engineering Centre (TEC) has released Technical Report on National Trust Center for M2M/ IoT devices and applications.	N/A	Closed	Security

28	E	25-03-2022	Electronics and Information Technology Department, Bureau of Indian Standards organized an "Awareness and Implementation Webinar on Indian Standards on Video Surveillance Systems	LITD of BIS organized a webinar is to spread awareness on product standards on Video Surveillance Systems.	The main objective of the webinar is to spread awareness on product standards on Video Surveillance Systems. The webinar highlighted about the content of these standards but also disseminate valuable information on BIS certification process for implementation of Indian Standards. Through this webinar, it is envisaged to bring the manufacturers of Video Surveillance Systems and BIS to a common platform for discussion on Indian Standards as well as its implementation related issues.	N/A	Closed	Electrical Equipment including Consumer Electronics
29	E	29-03-2022	Indo-German Expert Exchange on Artificial Intelligence (AI) Standardisation	Indo-German Expert Exchange on Artificial Intelligence (AI) Standardisation on was organised within the framework of the Indo-German Working Group on Quality Infrastructure.	Standards and specifications play an important role in creating a sustainable framework for AI. They promote the rapid transfer of technologies from research to application and open international markets for business and innovations. As part of the bilateral cooperation within the Indo-German Working Group on Quality Infrastructure, collaboration on AI standardisation is anchored in the new Work Plan 2022. The expert exchange kicks off the Indo-German collaboration in this field by considering current developments at the national and international level standardisation, as well as industrial applications of AI with standardisation needs. The objectives of this exchange are to discuss approaches to AI standardisation in the German and Indian context and to define the scope and priorities for Indo-German cooperation in this area. The interactive virtual session was attended by speakers from the German Federal Ministry for	N/A	Closed	ICT

					Economic Affairs and Climate Action (BMWK), the Indian Ministry for Consumer Affairs, Food & Public Distribution (MoCAF&PD), as well as from standards bodies (BIS, DIN and DKE) and industry from both sides.			
30	M	30-03-2022	Preparation Meetings for the proposed Online Workshop/Webinar on Cyber Security – M2M/IoT	Preparation Meetings for the proposed Online Workshop/Webinar on Cyber Security – M2M/IoT scheduled to be held on 27th April 2022 SESEI is involved in organising an online webinar along with ETSI, TEC, GCF and DCMS.	The members of the organising committee for the webinar are scheduling periodic meetings for organisation and execution of the Webinar on Cyber Security – M2M/IoT. List of action items, the timelines, responsibilities and status are discussed. The main things for finalisation are 1. Platform for hosting the webinar 2. Registration and other details 3. Background note, speakers' letter, Block your dairy invitations etc. 4. Draft Agenda, suggested topics, suggested speakers 5. Other logistics	Successful organizing a webinar	Closed	ICT
31	E	31-03-2022	Invitation to the Impresa Awards 2022 ceremony	The Impresa Awards are a recognition of the best performances achieved by Indo-Italian companies in innovation, sustainability, and corporate social responsibility.	SESEI was invited to be one of the panellists, judge and award giver at the Impresa award organised by the Indo-Italian Chamber of Commerce & Industry. SESEI was involved in the process of scoring the nominations received for the award.	N/A	Closed	Generic
32	I	01-02-2022	Continuation of Part 2 of Steering Committee Meeting No. SC#6	The second part of the Steering Committee Meeting no. SC#6 was held on 20th January. During the meeting discussion on various items including SESEI V were pending. It was agreed to continue the meeting on 1st	During the meeting discussion on the pending agenda items was held; Updates from Partners on other relevant India-related initiatives/activities • CEN/CENELEC Priority India • EU-India ICT Project • InDiCo – ICT Standardisation Identification of dates/location for upcoming	Follow up the action items	Closed	Generic

				February 2022 to carry forward the discussion on the pending items.	meetings Any other issues - as needed (AOB)			
33	E	02-02-2022	Webinar on New Spectrum for Wi-Fi	ITU-APT Foundation of India (IAFI) organized annual Wi-Fi event to deliberate on various issues relating to new spectrum for Wi-Fi in 6Ghz and 60GHz. in collaboration with Wi-Fi NOW and Global Wi-Fi Alliance.	Wi-Fi has become a lifeline for connecting people when social distancing and work/study from home has become a norm due to COVID pandemic. Increasing demand for Wi-Fi means that regulators need to assign much larger unlicensed spectrum for Wi-Fi. India today has less than a sixth of the quantum of the unlicensed spectrum as compared to the developed economies across the globe while our population is one of the largest in the World. In the recent days 6 GHz and V band have become available band for unlicensed usage to address this scarcity. The new 6GHz Wi-Fi band will lead to opening up of up to seven new 160 MHz channels. The 6 GHz band could potentially serve as a multi-lane superhighway for the latest Wi-Fi devices. The 6 GHz band comprises frequencies from 5.925 to 7.125 GHz, and the V band from 57 to 71 GHz. The bands support new Wi-Fi versions, Wi-Fi 6E and WiGig, respectively, which offer much higher data speeds and shorter range than previous versions of Wi-Fi. Countries including the US, Canada, Brazil, Chile, South Korea, Mexico and Saudi Arabia have already delicensed the new 6GHz Wi-Fi. In addition, several countries in the EU have delicensed the lower part of 6GHz for Wi-Fi in 5.925-6.425 GHz. Almost 80 countries, including Australia, Japan and the 27 members of the EU, have delicensed the V band. The	N/A	Closed	ICT

| | | | | | delicensing of the 6 GHz band is continuing.

It is believed that the opening of the new spectrum basically quadruples the amount of space available for routers and other devices, so it will mean a lot more bandwidth and a lot less interference for any device that can take advantage of it. | | | |
|---|---|---|---|---|---|---|---|---|
| 34 | E | 03-02-2022 | European Commission released new standardisation strategy | European Commission presented a new standardization strategy which outlines a renewed commitment to engage in the definition of technological standards for emerging technologies to counter growing international competition. | The European Commission presented its new Standardisation Strategy outlining its approach to standards within the Single Market as well as globally. The Strategy is accompanied by a proposal for an amendment to the Regulation on standardisation, a report on its implementation, and the 2022 annual Union work programme for European standardisation. This new Strategy aims to strengthen the EU's global competitiveness, to enable a resilient, green and digital economy and to enshrine democratic values in technology applications. | N/A | Closed | Generic |
| 35 | E | 04-02-2022 | Knowledge Sharing Webinar on "oneM2M – Smart Home/Smart Building private sector use case" | 32nd webinar in the knowledge sharing series under the aegis of the India-EU Partnership Project on Collaboration for ICT Standardisation. | The session was moderated by Mr. Sushil Kumar, DDG - IoT, TEC.

Digital services like Smart Home and Smart Building require open standards for interoperability to manage the fleets of devices and to solve the "silos" concern they are still facing today. In addition, opportunities are brought by the raise of technologies like Artificial Intelligence, Edge Computing and even Digital Twins.

The webinar presented the benefit of open standards like oneM2M to address these concerns and opportunities. Illustrated by a Smart Building | N/A | Closed | ICT |

					use case the webinar will focus on interoperability assets of oneM2M and how it has been implemented in a demonstrator showcased during last ETSI IoT Week.			
36	M	07-02-2022	Virtual meeting of the TEC committee for "Finalizing IoT / ICT standards for Smart cities	Meetings of TEC committee for Finalizing IoT/ ICT standards for Smart Cities", are being held periodically to finalize and release the document soon.	During the meeting, Inputs/comments received from the committee members were discussed. TEC requested all the members to go through the updated draft document (especially Section-6 on Recommendations) for final review and give their suggestions (in track change mode only), so that the document can be put up for the approval of the competent authority on priority, after incorporating all the changes..

SESEI is an important member of the committee and has provided his inputs covering European work around this subject which are well captured in this draft report. | Continue work with TEC on this subject | Closed | ICT/Smart cities |
| 37 | I | 07-02-2022 | Catch up call with Eric Marchand, CEN CENELEC | Eric Marchand, CEN CENELEC requested a meeting with SESEI expert to discuss the various action items and milestones achieved by the Project SESEI during the phase IV. | SESEI and Eric Marchand had a catch-up call to bring Mr. Eric on board on the various action items pending and milestones achieved by the Project SESEI during the phase IV. | N/A | Closed | Generic |
| 38 | M | 08-02-2022 | Virtual meeting of the TEC Working Group (WG) on "Security by design Principles in M2M device manufacturing and National Trust | TEC organized a virtual meeting of Working Group on "Security by design Principles in M2M device manufacturing and National Trust Centre for certification of M2M devices and applications" | During the meeting, Inputs/comments received from the committee members were discussed.
Key highlights of the meeting are as below:
- TEC has proposed to adopt first three guidelines given in the report " Code of practice for Securing Consumer IoT" for the device manufacturers, which are
1. No universal default passwords i.e. ban default | Continue work with TEC on this subject | Closed | ICT |

			Centre for certification of M2M devices and applications"		password 2. Implement a means to manage reports of vulnerabilities 3. Keep software updated - One of the members suggested that testing of hardware in Phase-1 of NTC is ok but testing of software may not be possible at this point of time as testing methodology has to be finalized before it is being tested. it is a huge task considering diverse nature of IoT device. on this Representative from Sensorise and SESEI expert suggested that an intimation to the SQTC may be sent regarding the same and to include experts from STQC in the next WG meeting. Draft documents were further circulated for seeking comments/Inputs.			
39	M	10-02-2022	SESEI-BIS Meeting	A conference call meeting was scheduled between SESEI and IRD division of BIS to discuss action items related to 1. BIS and CENCENELEC MoU 2. BIS and ETSI MoU 3. BIS Catalogue and aligning of adopted EN standards	SESEI held a conference call meeting with the head of IRD Division of BIS. The main discussion was held on the following issues; 1. **BIS-CEN-CENELEC MoU:** due to various unavoidable reasons, following change and another copy of BIS-CEN-CENELEC MoU is requested from BIS to close the signature of MoU with follow-up Press release finalization and submission of Framework License Agreement. 2. **BIS -ETSI MoU:** The signed copy of MoU between BIS and ETSI was shared, the original signed copy has been couriered from ETSI office and will be delivered by SESEI personally to the BIS. As the MoU has been signed, approval/suggested changes on draft press release were requested.	Follow up the action items	Closed	Generic

					3. **Correct adoption / updating of EN standards by BIS:** The list of EN, BS & DIN adopted by BIS so far was shared by SESEI with BIS. While many of EN are in line with the existing cooperation and working relation. However, there are many ENs which are adopted and not equivalent as well. SESEI suggested that he will be happy to work with respective departments on their latest updates and align them accordingly with respective departments as seems possible.			
40	M	11-02-2022	SSD-II 10: WG01-To Study Cloud Computing Standards, Fifth Working Group Meeting of BIS Cloud Services	Bureau of Indian Standards (BIS) organized a meeting of Sectional Committee: SSD-II 10: WG01-To Study Cloud Computing Standards	**Agenda points of the meeting were:** 1. Confirmation of the Minutes of the Previous Meeting: The minutes of fourth Working group meeting of cloud services, SSD10/WG-1 which was held on 13 January 2022 were circulated to all the members vide BIS portal on 21 January 2022. No comments have been received on the minutes. 2. Issues Arising out of previous meeting: The following actions have taken as per decision taken in the last working group meeting. 2.1 The recommendation of Working group to be placed before SSD10 Sectional committee for adopting below ISO standards as Indian standards. a. ISO/IEC 22624 'Information technology — Cloud computing —Taxonomy based data handling for cloud services' b. ISO/IEC TS 23167:2020 'Information technology — Cloud computing —Common technologies and techniques' and c. ISO/IEC TR 23188:2020 'Information technology — Cloud computing — Edge computing landscape'	Continue work with BIS on this subject	Closed	Service

| | | | | | The sectional committee accepted the recommendation of working group and decided to adopt the three ISO standards on cloud services as Indian Standards. The document initially shall be circulated as P-Draft document for one month with the committee members. Subsequently, if no comments are received then the document shall be issued in Wide Circulation for a period of two months.
3. To write to Mr Bill Ash, Committee manager of ISO/IEC JTC 1/SC 38 to know whether any International Standard is available related to Cloud Outage Incident response and Disaster Recovery in Cloud Services by Ms Vinodini Kishore, LITD 31 Member Secretary. Based on the response received from Mr. Bill the decision would-be taken in the next meeting. An email was sent to Mr. Bill Ash on 09 February 2022 for providing information by Ms Vinodini Kishore.
4. A MeitY representative would be attending the meeting on behalf of him to deliberate on the meity documents on cloud outage and disaster recovery. The working group may discuss and decide.

SESEI is a member of this WG of SSD-II 10, BIS and attend meetings regularly to contribute around Cloud Computing Standards. | | | |
| 41 | E | 15-02-2022 | TEC webinar on "Communication and Security Aspects in Smart Grid " | TEC is organized a Webinar on PROGRAMME LAYOUT COMMUNICATION AND SECURITY ASPECTS IN SMART GRID | Smart grid is an electricity network enabling a two-way flow of electricity and data with digital communications technology enabling to detect, react and pro-act to changes in usage and multiple issues. Smart grids have self-healing capabilities and enable electricity customers to become active | N/A | Closed | ICT |

					participants. The two-way flow of electricity and data that is the essential characteristic of a smart grid enables to feed information and data to the various stakeholders in the electricity market. The main topics discussed during the webinar were ; 1. Tec Initiatives in IoT domain 2. Smart Grid Journey – Communication Challenges 3. Mitigating Security Threats in Smart Grid Ecosystem 4. The Future of Electric Power using Industrial 5G			
42	E	16-02-2022	Webinar on EU Standardisation Strategy - A real change for European standards-setting?	CEN CENELEC organised a webinar on the new Standardisation Policy introduced by European Commission. The European Commission's Standardisation Strategy is a key opportunity to ensure standards work for the environment!	The main aim of the webinar was to understand and discuss whether the newly released can plan ensure an inclusive and strategic standardisation system in support of high environmental ambition? Will Europe become the trend-setter in standardisation? The webinar focused on the latest discussions on the future of standards-making in Europe and beyond. The main speakers at the webinar were Sophie Müller, Deputy Head of Unit, Standards Policy, DG GROW, European Commission Andreea Gulacsi, Director, Policy & Partnerships, CEN-CENELEC Justin Wilkes, Executive Director, ECOS	N/A	Closed	Generic
43	M	16-02-2022	Discussion Meeting with DEKRA on oneM2M Testing and Certification ecosystem in India	Currently EU-India ICT Standards project together with ETSI is supporting the India Telecommunication Engineering Centre (TEC) under the India Department of Telecommunications (DoT) to setup an oneM2M testing and certification program, incl. a	SESEI also arranged a discussion with GCF to have the copy of presentation made at the TEC. After briefly going through with available material, GCF under control for not only oneM2M but also ETSI Consumer IoT and C-V2X and with so far known interest of TEC, it seems the best way forward is that "TEC shall become GCF recognized test organization (RTO) for IOP, Conformance, Third party ACE like TTA in India" and if we agree to this approach, we shall	Setup an oneM2M testing and certification program, incl. a test lab	Closed	ICT

					seek a proposal from GCF. Following queries were also discussed during the next call :			
				test lab. "oneM2M Testing And Certification Program" presentation by DEKRA was found to be interesting and in line with the requirements of Indian test labs and hence a meeting was setup with DEKRA to get more updated information. SESEI was also invited for this meeting.	- How best TEC can have this Lab set up and carry out the voluntary/mandatory test and certification of oneM2M products? - How best they can build this competence to carry out the voluntary/mandatory test and certification of oneM2M products? - Is TEC becoming an RTO like TTA, DEKRA under GCF umbrella is the best way forward for this and if so, how best this can be handled and what would be the cost and process of achieving this for both Lab setup, competence built up etc. - What would be the cost of building up such as Lab and Capacity build up? - Can an RTO such as TTA now and TEC at later stage becomes an accreditation agency to have more Lab infrastructure setup in India to carry out this T&C.			
44	E	17-02-2022	5th Edition of the Open-Source Virtual Summit 2022	Bharat Exhibitions organized its flagship event 5th Edition of Open-Source Virtual Summit 2022	Bharat Exhibitions organized its flagship event 5th Edition of Open-Source Virtual Summit 2022. The roadmap ahead for free and open-source software in India is pretty well mapped. Just as we know, the Ministry of Electronics & IT (MeitY) in its formulation of Govtech 3.0 policies aims at harnessing the potential of social innovators to help solve India's toughest problems. MeitY has already stated that open-source adoption was necessary to support the government's goal to transform India into a "Digitally Empowered Society and a Knowledge Economy". The Ministry has taken many initiatives for promoting and fostering the adoption of Free &	N/A	Closed	ICT

					Open Source Software (FOSS) in view of various inherent advantages like increasing interoperability, developing local capacity/ industry, reducing costs, conserving foreign exchange, achieving vendor independence, enabling localization and reducing piracy/copyright infringements. Some of the largest government projects namely, Aadhar, MyGoV, UPI, Aarogya Setu and many other technology start ups are based solely on Open Source software. All these have one thing in common, transparency, privacy and security and are in sync with India's policy on Open Source Software. The session themes of the Open Source Virtual Summit 2022 were as under ; - Open Source Software Key for Digital Democracy - Open Source Infrastructure for Digital Transformation - Open Source Enablers for Open Gov and Open Data - Security is Critical in Open Source Software - Open Source Business Models Monetization & Reduce Risks			
45	M	17-02-2022	Virtual meeting of the TEC Consultative Committee for adoption of oneM2M Release 3	Virtual meeting of Consultative Committee for adoption of oneM2M Release 3 specifications to discuss the inputs/comments received from members	TSDSI has transposed oneM2M release 3 documents and has requested to TEC for considering them for adoption as National Standards. These documents consist of 24 Technical Specifications and 3 Technical Reports on various subjects. On this TEC has set up a Consultative Committee to study and adopt oneM2M Release 3.	Continue working with TEC to adopt oneM2M release 3 specifications in India	Closed	ICT
46	I	18-02-2022	Internal Meeting with EU ICT Project, post TEC meeting	Meeting to discuss the scope of TEC proposal to set up Lab for oneM2M testing at TEC	Meeting was held to discuss the background and expectation of TEC to setup Lab for oneM2M testing in India under EU-INDIA Partnership. SESEI expert,	Setup an oneM2M testing and	Closed	ICT

					informed newly appointed project coordinator all around this topic including way forward to address this TEC proposal.	certification program, incl. a test lab		
47	M	21-02-2022	Meeting with Mr. Gajendra Upadhyay, Editor, Voice & Data	SESEI expert held a meeting with Mr. Gajendra Upadhyay, Editor of Voice & Data magazine to discuss the Telecom and other tech sectors.	Mr. Gajendra Upadhyay, Editor of Voice & Data magazine requested for a meeting SESEI. The meeting was to seek update and understanding of the Project SESEI and its objectives. SESEI also informed him about local partners in India using European Standards across sectors. • 3GPP (2G&&5G), oneM2M (M2M/IoT) adoption and implementation is a good story: TSDSI, TEC, OEM and other TSPs • TEC Standard for Energy Consumption Rating and Energy Passport for Telecommunications Products is based in ETSI EN 303 215, EN 202 706-1, EN 102 706-2, EN 303 470, ES 201 554 etc.: COAI/TSPs • TEC Code of practice is an adoption of EN 303 645 (cyber security standard for consumer IoT devices): Sensorise • Lifts and Escalator implementation in India happens on Indian Standard based on EN-115: KONE • Recently BIS has released an Indian Standard based on EN 301 549 to address the Accessibility requirements for ICT products and services: MEITY, CDAC, BIS & NGOs working on Accessibility SESEI has also shared a draft article on the IoT and 5G technologies status in Europe and discussion was held on the same.	Successful release of article on the IoT and 5G technologies status in Europe	Closed	ICT

| 48 | M | 22-02-2022 | 20th meeting of Power System Control and Associated Communications Sectional Committee in joint session with all its panels and Smart Energy Sub-Committee | 20th meeting of LITD 10 Sectional Committee in joint session with all its panels and Smart Energy Sub-Committee Hosted by LITD, Bureau of Indian Standards | The main agenda of the meeting was; 1. REVIEW OF PUBLISHED INDIAN STANDARDS: The Indian Standards, which are Identical or Technically Equivalent to IEC Standards have been revised at IEC: were also taken up by the Committee for latest update and revision. 2. ACTIVITIES OF PANELS OF LITD 10 **i) LITD 10/P2 – Security:** IS 16335:2015 'Power Control Systems – Security Requirements' is due for reaffirmation. Shri Shivakumar V, Convener have proposed to revise this Standard to align it with the latest developments in cyber security of power systems. **ii) LITD 10/P6 – Digital Architecture Framework:** The draft on 'Guidelines for Digital Architecture Framework for power utilities' (LITD/10/17645) is under Preliminary draft stage. This draft Standard pertains to the Smart Grid. IS 18000:2020 'Unified Digital Infrastructure-ICT Reference Architecture (UDI-ICTRA)' relates to similar aspects but pertains to smart cities. In the last meeting it was decided that Panel 6 would further review the draft in light of the already existing Standard on UDI-ICTRA and provide their inputs to the Committee. The Panel may provide its inputs to the committee. **iii) LITD 10/P8 - SCADA, EMS, WAMS and other related systems for Power System Operation:** The draft document on 'Guidelines for SCADA System displays' (LITD/10/17093) had been issued as a Wide Circulation Draft (WC-Draft), as per the decision taken during the 17th meeting of LITD 10 Sectional Committee, for a period of one month. The last date for comments was 24 August 2021. The comments | Continue work with BIS on this subject | Closed | Electrical Equipment including Consumer Electronics |

| | | | | | received had been discussed by the Panel and necessary editorial changes had been incorporated in the draft Standard. The Committee may finalize the draft Standard for printing/publication.
3. **ITEM 5 ACTIVITIES OF WORKING GROUPS OF LITD 10: Working Group 2: Formulation of Testing Standard and procedures for Cyber Security compliance in Power sector:** This Working Group (JWG between LITD 10, LITD 17, ETD 13 and ETD 18) was constituted to formulate a testing Standard and procedures for Cyber Security compliance in Power sector on the request received from Central Electricity Authority. | | | |
| 49 | E | 23-02-2022 | The Digital Dialogues on 'Digital Communications Start-ups Success Stories' | The Broadband India Forum (BIF) organised Digital Dialogues on 'Digital Communications Start-ups Success Stories' | Shri Kishore Babu, DDG (S.R.I.), Department of Telecommunications and Mr. Deepak Bagla, MD & CEO, Invest India joined as Special Guests of Honour. Motivating success stories and the key learnings were presented at the session by esteemed Industry representatives.

India is witnessing a phenomenal rise in the number of promising, innovation based digital start-ups. DPIIT, till date, has recognised an incredible 63,900 start-ups and the tech start-ups base is growing steadily, with over 2250 start-ups added in 2021, generating 6 lakhs+ jobs overall. As per Global Data (2021), India has now become the third most preferred destination in terms of capital investment, after USA and China. The evolving spirit of entrepreneurship in India, access to funding and significant technological growth has enabled the start-ups ecosystem to emerge successfully in the last few years. Propelling this remarkable growth is | N/A | Closed | ICT |

					the flagship 'Startup India' initiative of the Government, being consistently supported with measures like the Startup India Seed Fund Scheme (SISFS), Fund of Funds for Startups (FFS) Scheme and a host of other benefits provisioned for nurturing this ecosystem in the country. This session of The Digital Dialogues presented some success stories of Startups in the highly progressive Digital Communications domain, highlighting the benefits they have been able to derive from the 'Startup India' initiative.			
50	E	24-02-2022	Awareness Workshop on "ICT accessibility and Standards"	Wider adoption of ICT solutions is being carried out across various sectors, enablement of Accessibility is very important. Accessibility in ICT products & services shall facilitate inclusion of senior citizens, those with situational disabilities and persons with disabilities. Hence, it is required to have seamless access by leveraging accessibility provisions/capabilities in ICT and promote availability and adoption of accessibility-compliant products (hardware and software), systems and services.	Ministry of Electronics and Information Technology (MeitY) & C-DAC is engaged in formulating an ICT Accessibility standard along with STQC & BIS as part of the "Knowledge & Resource Centre for Accessibility in ICT (KAI)" initiative. As part of the same, Accessibility for ICT Products and Services Part I Requirements (IS 17802 (Part 1): 2021 standard has been gazetted and published by BIS on December 24, 2021. BIS is also working towards the finalization and publication of Part 2 of the said standard towards Determinants of Conformance which is expected to happen very soon. As a part of this initiative, C-DAC is conducting various events and workshops towards awareness and capacity building towards ICT accessibility. Focus of this event is on ICT accessibility for education sector to bring out the details of the standard and brainstorm the implementation approaches, the	N/A		Closed	ICT

					online Awareness Workshop is being organized.			
51	E	24-02-2022	TEC Webinar on Standard Based Solutions in Smart Cities	Telecommunication Engineering Centre (TEC) organized a webinar on "Standard Based Solutions in Smart Cities"	The TEC Webinar focused on the STANDARD BASED SOLUTIONS IN SMART CITIES. The main topics were ; - TEC initiatives in IoT / ICT domain- an overview - IoT Standards and Smart Cities - Human Centric approach for Smart solutions (Society 5.0) - Smart Cities: IoT sustainability with oneM2M - Converged Technology for vehicular safety for India - Monetizing Smart city data for sustainable development	N/A	Closed	ICT/Smart cities
52	I	24-02-2022	Steering Committee Meeting to discuss Terms of Reference for the SESEI V	The Draft Technical Proposal for the SESEI V was circulated to all members for the comments / inputs.	During the call SC# members discussed the ToR for SESEI-V scope and brainstormed to ensure inclusion of right, latest information concisely for the possible extension of SESEI phase V. Member invited valuable input to the draft suggested by SESEI	Follow up the action items	Closed	Generic
53	M	25-02-2022	Meeting to discuss, Webinar on M2M/IoT (oneM2M/EN 303645 (Cyber Security)	Meeting with TEC and DCMS on implementation of EN 303 645	SESEI is working closely with TEC for implementation of EN 303645 adopted Code of practice. In this regard TEC asked how it has been implemented in UK hence discussions are being held with DCMS for implementation of the EN 303645 as a legislation and sharing of the best practices. These meetings are being held periodically along with InDiCo and TEC. Group decided to explore conducting a webinar on this topic including ETSI and other EU Project.	Successful organization of webinar on M2M/IoT (oneM2M/EN 303645 (Cyber Security)	Closed	ICT
54	M	25-02-2022	SESEI Meeting with concerned officials at EBG to participate in the EBG Chapter on Railways,	Automotive and Railways are the priority sectors for SESEI. In this regard, SESEI Approached European Business Group (EBG) to become a member of EBG	SESEI is associated with EBG India for last many years on behalf of EU Project on Standards & Policy (www.sesei.eu) through a Liaison office of European Standards Organisation ETSI. SESEI is quite active in Telecom subcommittee of EBG, contributed to position papers for many years now. SESEI scheduled a meeting with the Chair & Vice Chair of	Continue working with EBG and contribute around Standards, Policy, TBTs,	Closed	Automotive

				Chapter on Automotive, Power and Railways.	the EBG Chapter on Automotive and Railways. SESEI can work with EU Industry, help and contribute around Standards, Policy, TBTs, EU best practices, take up EU industry issues etc. Meeting was held with Chair of Railway WG and information about Project SESEI, EU-INDIA instruments, RDSO, SESEI joining the committee, open issues, position paper chapter were discussed during the meeting, and both agreed to work together.	EU best practices.		
55	M	25-02-2022	Review of Smart Grid Architecture Document - work of Panel 6 - LITD10	Panel 6 of LITD 28 and LITD10, attempted to harmonise and optimise efforts on Reference Architecture for ICT. In this context document and reference documents in Smart Grid domain and other in Smart Cities domain were discussed during the joint meeting. The BIS through this meeting sought critical feedback from the ICT community to enable LIT10 take a call on where to connect and update/merge the two documents.	Following action points emerged during the meeting:- I. The document is focused towards Utilities procurement decision makers and has limited usability (Section 6.2) for technology providers (System Integrators, OEMs). II. Several other documents/standards covering technical aspects in detail (for consumption of Technology providers) may follow/ adopted However, this document should be released as one of the references hand book for the proposed Smart Grids Digital Architecture Framework Series. III. Considering above the Title of the standard may be renamed say "Digital Architecture Framework Guidelines" for Smart Grids (Alternate names welcome) IV. The document may be released in its current form as a referee standard after incorporating suggestions/feedback during it's circulation period/ next 4 weeks. Keeping above in mind, once again comments/suggestions are invited from all the	Continue working with BIS on this topic	Closed	Electrical Equipment including Consumer Electronics

					experts before next meeting so that the same may be discussed and the proposed standard may be finalized in the next meeting itself. The contextualisation with Smart Cities RA will also avoid potential source of confusion between eco system players.			
56	E	25-02-2022	FICCI A(I)India Conclave	**FICCI, jointly with the Ministry of Electronics and IT, Govt of India, organized 'AI India Conclave',** to foster robust AI ecosystem in India, Govt's role is to enable data Governance mechanism via open data portals, with adequate safeguards for privacy to enable innovation by researchers, entrepreneurs to build upon & create products for better services.	Mr Abhishek Singh, Managing Director & CEO, Digital India Corporation (DIC), President & CEO, National e-Governance Division (NeGD) &, CEO, MyGov, Ministry of Electronics & IT, Govt of India today highlighted the various initiatives launched by the government pertaining to AI. "To foster a robust AI ecosystem in India, government's role is to enable a data governance mechanism via open data portals, with adequate safeguards for privacy to enable innovation by researchers and entrepreneurs to build upon and create products for better services," he added. Addressing the virtual 'AI India Conclave', organized by FICCI, jointly with the Ministry of Electronics and IT, Govt of India, Mr Singh further talked about the importance of AI skilling and reskilling and its role in employment generation. Mr Jayesh Ranjan, Principal Secretary, Department of Industries & Commerce (I&C) and Information Technology (IT), Government of Telangana talked about Telangana's focus areas to develop and nurture AI Ecosystem. "In order for AI and ML tools to grow, we are focusing on six pillars, data availability via data exchange, high-performance	N/A	Closed	ICT

					computing infrastructure, AI skilling, research and innovation in start-ups, collaborative adoption, and a robust governance system," he added. Mr Ranjan also highlighted on the initiatives taken by the state government in the emerging technology space. Prof Rajat Moona, Director, IIT- Bhilai, talked about the importance of responsible AI and AI for social good. "To leverage the best of AI and ML, we as a society should focus on making AI framework more transparent, inclusive, and responsible," he added. Dr Manish Gupta, Director, Google Research India said, "For India, AI can really make the difference, by playing a key role in solving some of the ongoing challenges faced by our nation in Healthcare, Water, Agriculture, and Language space." Mr Mohit Kapoor, Chairman - AI & Digital Transformation Committee, FICCI and Group Chief Technology Officer, Mahindra group stated, "Artificial Intelligence is changing the world. The AI & DT committee at FICCI, along with the government and corporate partners, is committed to building a smart and connected nation focusing on innovation leadership in the fields of agriculture, financial inclusion, healthcare, education." Mr Kanishka Agarwal, Co-Chair - AI & Digital Transformation Committee, FICCI and Head - Service Lines, Public Sector, India/South Asia, Amazon Web Services said, "Artificial Intelligence is an idea, and its real value lies in the way we use it, and there is			

					immense opportunity for AI to thrive in India - the complexities across geographies, linguistic variances, and socio-economic differences make for a huge number of case studies for AI to address effectively."			
57	M	28-02-2022	Services Sector Department II of the BIS organised the Eighth meeting of the study group on Digital Signature	Eight meeting of study group on Digital Signature was organized to discuss the inputs/comments received on Draft Report of IT and IT enabled Services Sectional Committee, Study Group on Digital Signature.	During the meeting, the main discussion was held on the Draft Report of IT and IT enabled Services Sectional Committee, Study Group on Digital Signature, SSD 10/SG-1. The comments, suggestions and inputs received from the members were discussed in detail for finalisation of the report. SESEI has also contributed ETSI work around digital signature which is well captured in this report.	Continue work with BIS on this subject	Closed	Service
58	E	05-01-2022	Stakeholders Roundtable on "India Vision 2030 for Energy Storage Deployment	IESA Stakeholders roundtable on India Vision 2030 for Energy Storage Deployment.	IESA organized the round table to gather inputs from the experts, senior officials and Industry members for preparing a vision document. IESA, is currently in the process of developing a vision document for setting storage target in India to highlight the policy and regulatory efforts required to bring out the necessary momentum in Energy Storage deployment in India and its States. This Energy Storage Vision document shall cover requirement of setting up of Storage Targets in India with a clear focus on application, sector and policy & regulatory interventions required at Centre and State level. Along with that, this document shall also be covering identification of Potential Barriers towards active ESS adoption in India, Framework requirement based on Target projections and Incentives and Support required from Central and	N/A	Closed	Electrical Equipments including Consumer Electronics

					State Governments etc.			
59	M	05-01-2022	Preparatory Meeting for the Standards Webinar on RE&CE	Committee Members meeting to organize the Workshop/Webinar on Role of Standards & Policy in Resource Efficiency and Circular Economy Transition in India and the EU	Periodic meeting of the program committee for organisation and execution of the Workshop/Webinar on Role of Standards & Policy in Resource Efficiency and Circular Economy Transition in India and the EU, scheduled to be held on the 21st January 2022.	Successful organization of workshop	Closed	CE & RE
60	E	06-01-2022	COAI GSMA Webinar on Small Cells	COAI and GSMA jointly organised a webinar on the Small Cells Technology for 5G Deployment	Key Government officials, technology exerts and international industry experts participated in the webinar to discuss policy framework and propose policy recommendations that would ease the deployment of small cells paving the way for 5G implementation to stimulate 5G deployment. During event, a report titled "Paving the way for 5G readiness in India: A guide for effective policymaking on small cell deployment" was launched. Report covers status of Small Cell Deployment in India, initiatives across the globe (including European Union initiative), identify key bottlenecks including Right of Way permissions, and suggest the way forward for consideration by policy makers.	N/A	Closed	ICT
61	I	06-01-2022	Meeting with Ms. Magot Dor, ETSI Project coordinator	Meeting b/w SESEI expert and Ms. Magot Dor, ETSI Project Coordinator to discuss SESEI IV timelines, extension, renewal	SESEI held a virtual call with Ms. Margot Dor to discuss - different milestones for the extension of SESEI 4, - the creation of SESEI 5 - Understanding of the new approval mechanism for the SESEI V approval	N/A	Closed	Generic
62	M	06-01-2022	Virtual meeting of Working Group (WG) on "Security by	Virtual meeting of Working Group (WG) on "Security by design Principles in M2M	TEC is in the process of preparing a technical report on "Security by design Principles in M2M device manufacturing and National Trust Center for	Continue working with TEC to provide	Closed	ICT

| | | | design Principles in M2M device manufacturing and National Trust Center for certification of M2M devices and applications" | device manufacturing and National Trust Center for certification of M2M devices and applications" | certification of M2M devices and applications". In this regard, regular meetings have been organized by TEC to discuss the inputs/comments and finalize the same.

1. Discussion on IOTSF Document on " The Contemporary Use of Vulnerability Disclosure in IoT" and to take notice of sections on Research Analysis and Development", Recommendations from IoTSF and Conclusions important from vulnerability & Disclosure point of view.
2. TEC Document on "Govt. Response Code of Practice for Securing Consumer IoT is also mentioned in the IoTSF document.
3. UK govt. Policy Paper on " Government response to the call for views on consumer connected product cyber security legislation, released in April 2021" wherein the first 3 guidelines of the code of practice released by the UK govt. are being considered for mandate.
4. Explanation of NTC draft by CDOT Officials
5. Details on the explanation on the lawful interception in the document were also discussed, wherein SESEI suggested that through the intention of writing lawful intercept interface is fine but to avoid confusion this can be removed from the diagram and can be explained as a separate text. | inputs on EU work on this subject | | |
| 63 | M | 07-01-2022 | TEC scheduled an Industry Consultation on Facilitation of Open RAN Testing & | TEC organised a meeting of the Stakeholders to discuss Facilitation of Open RAN Testing & Solutions and way forward. | The main agenda of the meeting was
1. Brief overview of Open RAN: Technical Perspective
2. Open RAN ecosystem: Global Scenario
3. Challenges in development of Open RAN ecosystem in India : TSPs / Testing & Measurement | N/A | Closed | ICT |

			Solutions and way forward.		companies/Startups/MNCs perspective 4. Possible Policy interventions/support from Government 5. Membership to O-RAN Alliance/Open Networking Foundation/ Open RAN Policy Coalition etc. 6. Way forward: (i) Lab in PPP mode (ii) Testing as a service / Cloud based service etc. (iii) Any other model			
64	M	07-01-2022	Meeting of Consultative Committee for adoption of oneM2M Release 3 specifications	Virtual meeting of Consultative Committee for adoption of oneM2M Release 3 specifications to discuss the inputs/comments received from M/s Infineon and TEMA	The main agenda of the meeting was 1. To arrange 2-3 webinars on oneM2M Release 3 specifications for creating knowledge base in the country. a webinar has already been organized by TEC and GCF on 'oneM2M- Technology Overview with GCF Certification for the development of Smart Ecosystem', on 22nd Oct 2021 having expert speakers from India and abroad. 2. oneM2M assigned testing & certification related work to GCF (Global Certification Forum) as it is having global footprint. 3. TEC arranged a meeting with members of oneM2M, TTA and ETSI in March 2021 to discuss on creating an ecosystem for interoperability and conformance testing for oneM2M specifications in the country. Later on, a mail was received from TSDSI regarding ETSI proposal on oneM2M Certification in India. For creating an eco-system in the country, it is proposed to begin with some test lab in TEC so that learning and innovation activities may be carried out in TEC by start-ups, academia etc. Discussion is already in progress with ETSI. In future, the testing may be carried out in the accredited labs of TEC under MTCTE and those labs	Continue working with TEC to adopt oneM2M release 3 specifications in India	Closed	ICT

					may take the test suites from GCF. 4. Presentation on various pilots started by CDAC and IIIT Hyderabad Living lab smart city based on One M2M specifications were presented during the meeting. 5. Detailed presentation on the new One M2M release by CDOT. It was also mentioned that C-DOT has oneM2M Release-3+ based platform, organizations who are interested to test their oneM2M compliant applications can collaborate with C-DOT			
65	M	10-01-2022	TEC meeting of the committee for "Finalizing IoT / ICT standards for Smart cities"	TEC has been organizing regular meetings of the committee to discuss inputs/comments received on the draft document and finalize the same. SESEI expert has provided inputs on Section 4 (Analysis of International Standards and Guidelines), Section 5.6.5 (ETSI NGSI LD) and Section 5.7.6 (Health).	The draft document has been discussed and refined a number of times in the TEC internal meetings as well as in the short meetings in-between with chairs/ concerned members. 1. Contributions received from Mr. Dinesh Sharma, SESEI on Section 4 (Analysis of International Standards and Guidelines), Section 5.6.5 (ETSI NGSI LD) and Section 5.7.6 (Health) have been discussed and finalized. 2. Contributions received from Sensorise on Section 5.7.3 (Transport and Automotive) has been discussed and finalized. 3. Contributions received from Mr. Manvendra Singh, SenRa and Mr. Murali, Semtech on Section 5.3.3 (Low Power Wide Area Network (LPWAN) technologies), Section 5.7.4 (Water Management), Section 5.7.5 (Solid Waste Management), Section 5.7.7 (Smart Pole) and Section 6 (Recommendations) have been incorporated in the main document, and will be finalised in the one-to-one meeting. 4. DDG (IoT) requested members to go through the draft document for final review, especially	Continue working with TEC on this subject	Closed	ICT/Smart cities

					recommendation section and suggest any modification (technical/ editorial) in track change mode, which may then be discussed one-to-one with the concerned member (if required).			
66	M	11-01-2022	The Meeting 8 of LITD 35 AAL Sectional Committee of BIS	BIS organized 8th meeting of LITD 35 AAL sectional committee	The Meeting 8 of LITD 35 AAL Sectional Committee of BIS was scheduled to discuss on India's Participation in CAG (Chair Advisory Group of IEC SyC AAL) Meeting. SESEI is a member of the sectional committee and promoting adoption of the EN standard 301549 in India	Successful adoption/implementation of EN 301549 in India	Closed	ICT
67	M	11-01-2022	38th MAIT Annual General Meeting	MAIT organized 38th Annual meeting on Jan 11, 2022	Agenda/Statement of Business: - Welcome Address by Mr. Nitin Kunkolienker, President, MAIT - CEO's Report - Future Direction by Mr. Harish Krishnan, Vice President, MAIT - Industry Address by Mr. Rajkumar Rishi, Vice President, MAIT - AGM Resolution 001 for Adoption of Auditor's Report & MAIT Audited Accounts & Authorisation for signing of Form 10 for FY 2020-21 - AGM Resolution 002 for Appointment of New Auditor for FY 2021-22 to be passed - MAIT Revised Bylaws 2022 - AGM Resolution 003 for Adoption of Revised MAIT Bylaws 2022 to be passed - Closing remarks by Mr. Nitin Kunkolienker, President, MAI	N/A	Closed	Generic
68	E	11-01-2022	India-UK Partnership Programme:	This online workshop was the last in a series of six and discussed a Summary and	The main focus of the webinar was: Summary of roundtables: 1 Energy Efficient Networks	N/A	Closed	ICT

			Summary and Next Steps	Next Steps: a round-up of the previous sessions and a discussion of next steps for the programme.	2 Resilient Networks 3 Secure Design 4 High Density Urban Deployment 5 Low Density Rural Deployment 6 Survey request			
69	E	12-01-2022	Samsung in collaboration with Bharat Exhibitions scheduled a webinar for Discussion on Prevent Protect and Mitigate Cyber Threats Using AI	An exclusive webinar on Prevent Protect and Mitigate Cyber Threats Using AI was organised by Samsung	**Discussions were held on issues related to:** *How secure is your cyber security posture?* - The critical nature of cyber security - Assess and improve your security posture - Why businesses need cyber resilience now more than ever *Transitioning to an Intelligent Enterprise, why not NOW?* - What is Intelligent Enterprise and why is there a growing need for it? - How do Intelligent Enterprise services help deliver value to your organization - Need for intelligent technologies for Intelligent Enterprises - The next big step: start with small innovative initiatives that already contribute to working smarter SESEI attended this webinar to gain knowledge on how to Prevent, Protect and Mitigate Cyber Threats Using AI	N/A	Closed	ICT
70	M	12-01-2022	Preparatory Meeting for the Standards Webinar on RE&CE	Periodic meeting of the program committee for organisation and execution of the Workshop/Webinar on Role of Standards & Policy in Resource Efficiency and	During the meeting participation discussed the webinar agenda, speaker confirmation, presentation/speaking topic, program flow, moderation etc.	Successful organization of workshop on CE/RE	Closed	CE & RE

				Circular Economy Transition in India and the EU			
71	M	13-01-2022	Fourth Meeting of Working Group on Cloud Services, SSD 10/WG -1	BIS Meeting of the SSD-II 10: WG01 Working Group held on 13-1-2022	The main discussion of the meeting was 1. **Review of Composition of Panel, SSD 10/WG** - 1 The working group reviewed the composition and decided to retain with the existing composition Item 2 **Confirmation of the Minutes of the Previous Meetin**g As there were no comments received on the minutes of the third working group meeting. The working group formally confirmed the minutes of the third meeting. **3. Item 3 Issues Arising out of previous meeting**. 3.1 The following decision was taken by the working group on the issues arising from the previous meeting: - The Working group after having detailed discussion have recommended the adoption of ISO/IEC 22624 'Information technology — Cloud computing — Taxonomy based data handling for cloud services' as Indian standard. The recommendation would be placed before the next sectional committee for final decision. - The working group felt that to invite MeitY in the next working group meeting to have more detailed deliberation on the meity document and ISO/IEC 22301, ISO/IEC 27031 standards. 4. **The decision taken by the working group on the below assigned tasks:** **-** The Working group after having detailed discussions and confirming with the LITD 31member secretary have recommended the adoption of ISO/IEC TS 23167:2020'Information technology — Cloud computing— Common technologies and	Continue working with BIS on this subject	Closed	Services

					techniques' and ISO/IEC TR 23188:2020 'Information technology — Cloud computing — Edge computing landscape' as Indian standard. The recommendation would be placed before the next sectional committee for final decision. - The working group requested LITD 31 member secretary to write to Committee manager of ISO/IEC JTC 1/SC 38 to know whether any International Standard is available related to Cloud Outage Incident response and Disaster Recovery in Cloud Services. Based on the response received from Mr. Bill the decision on this would be taken in the next meeting. SESEI is an important member of this working group and contribute on EU work around cloud services.			
72	M	13-01-2022	TEC Sub-DCC & MF meeting of FA division in respect of revision of Standard for Energy Consumption Rating and Energy Passport for Telecommunications Products, Equipment and Network/ Services.	Sub-DCC & MF meeting of FA Division TEC, to discuss the TEC standard on ECR & EP	The Energy Consumption Rating (ECR) standard delineates the test procedures and the measurement methodologies for ECR and energy passport certification for telecom products, equipment and networks or services. This standard will facilitate service providers and consumers in comprehensive evaluation of telecom products, equipment and networks or services with respect to energy planning and in adding energy efficiency to their purchase criteria. This standard has taken reference from 1. ETSI EN 303 215, "Measurement methods and limits for power consumption in broadband telecommunication networks equipment," 2015. [Online]. Available: https://www.etsi.org/deliver/etsi_en/303200_3032	Continue work with TEC on this subject	Closed	ICT

					99/303215/01.03.01_60/en_303215v010301p.pdf. 2. ETSI TS 102 706-2, "Metrics and Measurement Method for Energy Efficiency of Wireless Access Network Equipment; Part 2: Energy Efficiency - dynamic measurement method," 2018. [Online]. Available: https://www.etsi.org/deliver/etsi_ts/102700_10279 9/10270602/01.05.01_60/ts_10270602v010501p.pd f. 3. ETSI ES 201 554, "Measurement method for Energy efficiency of Mobile Core network and Radio Access Control equipment," 2014. [Online]. Available: https://www.etsi.org/deliver/etsi_es/201500_20159 9/201554/01.02.01_60/es_201554v010201p.pdf. 4. ETSI EN 303 470, "Energy Efficiency measurement methodology and metrics for servers," 2019. [Online]. Available: ETSI EN 303 470.			
73	I	17-01-2022	Preparatory Meeting for the Standards Webinar on RE&CE	As the webinar is approaching fast, meetings to finalise and have a dry un with the CEN CENELEC team is being held periodically	During the meeting participants discussed the finalisation of webinar agenda, speaker confirmation, presentation/speaking topic, program flow, moderation etc.	Successful organization of webinar on CE/RE	Closed	CE & RE
74	M	17-01-2022	Conference call meeting with GiZ, Siemens and SESEI for the Resource Efficiency & Circular Economy webinar	SESEI meeting with GiZ, Siemens for discussing the Resource Efficiency & Circular Economy webinar	The discussions was held on the key messages and flow of the session on standards	Successful organization of webinar on CE/RE	Closed	CE & RE
75	E	18-01-2022	India-EU ICT Webinar on oneM2M "Risk/Benefit analyses"	30th webinar in the knowledge sharing series under the aegis of the India-EU Partnership Project on	This webinar was focused on the oneM2M "Risk/Benefit analyses". The session was moderated by Mr. Sharad Arora, Co-chair TSDSI Outreach	N/A	Closed	ICT

				Collaboration for ICT Standardisation.	Committee, Chair – TSDSI Services and Solutions Study Group (Founder and MD, Sensorise)			
76	M	18-01-2022	TEC virtual meeting of working group on "IoT and 5G applications in Smart Grid"	TEC has been working on a draft document on "IoT and 5G applications in Smart Grid"	The Draft document on the "IoT and 5G applications in Smart Grid" was discussed in detail during the meeting.	Continue working with TEC on the document and contribute EU work	Closed	ICT
77	E	19-01-2022	Nokia organised a webinar on 5G-Advanced in 3GPP Rel-18 explained.	Nokia organised a webinar on what 5G-Advanced will offer starting with Release 18	5G-Advanced is set to evolve the 5G system to its fullest capabilities. It will comprise a large set of innovations offering numerous benefits for network and system operators, end-users and verticals. 5G-Advanced will contain features that are being specified in 3GPP Release 18 and subsequent releases, including improved coverage and capacity, enhanced end-user experience, and expanded capabilities beyond connectivity.

5G-Advanced will provide enhancements needed for more demanding applications, such as mobile extended reality (XR) and haptics. It will inject more intelligence into the network, utilizing machine learning to adapt to the environment, boost performance and manage complex optimizations. 5G-Advanced will also bring mobile broadband to new classes of devices (XR rigs, reduced capability devices), support a much wider variety of connections (sidelink, reduced bandwidth operation) and open 5G to new sectors (drones, GNSS Alternative & Resiliency Solution). In addition, energy efficiency will be central to 5G-Advanced, both in maximizing device battery life and in reducing network power consumption. | N/A | Closed | ICT |

					SESEI joined this webinar to learn what 5G-Adavnced in Release 18 can offer to business.			
78	I	20-01-2022	SESEI Steering Committee meeting SC #6	Second part of the SC #6 was held on 20th January 2022 as a follow-up to the meeting held, previously. The pending items on the agenda were discussed during this meeting.	The remaining agenda items discussed during the meeting; - Updates from Partners on other relevant India-related initiatives/activities • CEN/CENELEC Priority India • EU-India ICT Project • InDiCo – ICT Standardisation - Exchange between the Partners and SESEI: • Next Step o Approval process o SESEI V – Draft ToR o What to next with SESEI IV Survey - Identification of dates/location for upcoming meetings	N/A	Closed	Generic
79	M	20-01-2022	Final Preparation Call of the organisation Committee for - Standards Webinar on Resource Efficiency and Circular Economy	The final run for the Online Workshop/Webinar on Role of Standards & Policy in Resource Efficiency and Circular Economy Transition in India and the EU	During the meeting participation discussed the webinar agenda, speaker confirmation, presentation/speaking topic, program flow, moderation etc.	Successful organization of webinar on CE/RE	Closed	CE & RE
80	E	21-01-2022	Online workshop 'Role of Standards & Policy in Resource Efficiency and Circular Economy Transition in India and the EU'	To better understand the role of standards and policy to achieve resource efficiency and a circular transition, the European Union's Resource Efficiency Initiative (EU-REI), the Seconded European Standards Experts in India (SESEI), CEN-CENELEC and the	The webinar was divided in three sessions. An eclectic mix of international and national speakers and senior officials from the Niti Aayog (India's official think tank) and Ministry of Environment, Forest & Climate Change, Govt. of India participated in the meeting. In the first session Ministry officials and CEN CENELEC provided an overview and insight into the vision and blueprint for the transition to the Circular economy and adoption of resource efficient	follow up the action items	Closed	CE & RE

				Bureau of Indian Standards (BIS) organized a webinar on this topic.	practices in the economy. In the second session emphasis was on the introduction of right policies, perspective and the partnership between the Public and Private bodies to help achieve the sustainability goals. Role of standards in Resource Efficiency from the beginning to the end of Product life cycle was the focus in the third session. The webinar was highly successful with a registration of 228 delegates and active participation of more than 145 participants. The interactions were extremely engaging a satisfaction score of 4.5/5, was recorded from post webinar survey. Encouraging mails from the speakers have been received, appreciating the effective platform provided for exchange on the standards and policies on REI / CE and to keep the discussions alive by having more such webinars in future. To know more about the webinar and to download presentations please log on to https://www.cencenelec.eu/news-and-events/events/2022/2022-01-21-workshop-circular-economy-india/			
81	E	22-01-2022	Wi-Fi India 2022 Virtual Summit organised by BIF & BE	The focus of this year's Summit was on enablers for PM WANI and the	Broadband India Forum, the leading independent Think-Tank and Policy Forum for Digital Communications in the country, along with Bharat Exhibitions, organised the Wi-Fi India 2022 Virtual	N/A	Closed	ICT

			proliferation of Wi-Fi Hotspots in the country.	Summit. Shri K. Rajaraman, Chairperson – Digital Communication Commission (DCC) and Secretary, Department of Telecommunications (DoT) was the Chief Guest for the 3rd edition of this Annual Event. The BIF Connectivity Accelerator Program for awareness, facilitation and proliferation of the Digital Connectivity ecosystem in the country with special emphasis on leveraging the PM-WANI Public Wi-Fi Scheme, was also launched during the Inaugural session of the event by the Hon'ble Chief Guest.			
82	M	24-01-2022	BIF's meeting of the Committee on ICT for Inclusive Ability (PwD Committee)	SESEI is the Co Chair of the BIF's Committee on ICT for Inclusive Ability (PwD Committee)	The agenda for the meeting of the Committee meeting 1) Update on the activities for the year 2021. 2) Action plan for the year 2022: • 2 events in the year 2022: Suggestions - GAAD 2022 and Celebrating International Disability Day in December 2022 • 1 White paper - The paper submitted to IIGF on accessibility in education can be taken as the base to work on a paper for this year. • Meetings with Stakeholders. 3) AOB.	Continue work with BIF as a Co Chair of the BIF's Committee on ICT for Inclusive Ability (PwD Committee)	Closed	ICT
83	E	24-01-2022	The Indo-Italian Chamber of Commerce (IICCI) organised IICCI Impresa Awards 2022 on a virtual platform	Virtual Meeting to discuss the Indo-Italian Chamber of Commerce (IICCI) organised IICCI Impresa Awards 2022	SESEI expert was approached by Indo-Italian Chamber of Commerce (IICCI) to join their panel of professionals for the Impresa Awards 2022. IICCI organises each year - IMPRESA Awards - which are bestowed upon the best Indo Italian or Italian companies in India in the Environment, CSR, Renewable Energy, Sustainability. It will relaunch the awards in 2022 after the hiatus due to the Covid 19.	Continue supporting the chamber for its activities in India such as this award	Closed	ICT & CE

					This year the awards is structured on three verticals:			
					- Innovation and Industry 4.0			
					- Sustainability and Green Economy			
					- Community Engagement			
					Impresa Awards 2022 target Indo-Italian companies (JVs, Indian subsidiaries of Italian companies, Indian companies importing or representing Italian brands or working with Italy) which distinguish themselves in the above areas. The awarding ceremony will take place in hybrid mode in Mumbai, at VIVITALIA and include:			
					- An exhibition with the materials provided by applicants showcasing their best practices in the focus areas (see below)			
					- A conference in hybrid mode, introducing Indo-Italian best practices and way forward in the focus areas			
					- An Italian dinner with awarding ceremony			
					Other panel members includes:			
					1. Mr. Alessandro Giuliani - Managing Director, SDA Bocconi Asia Center in Mumbai, https://sdabocconiasiacenter.com			
					2. Mr. Edoardo Francesco Sabatino, IMI Corporate & Investment Banking Division, Vice President – Sustainable Finance APAC, Banca Intesa Sanpaolo, www.intesasanpaolo.com			
					3. Dr. Anjali Parasnis - Associate Director, TERI - The Energy Resources Institute of India, https://www.teriin.org			
					SESEI expert joined the panel and provided input to their draft key indicators, which shall also include:			
					On Rules and Regulations: Article 1: Aim of the Award			

					1. Purpose for Category 1: Business Innovation & Industry 4.0 could be enhanced a little with red text as additional: - Most outstanding innovation technology applied to processes and/or products with the application of standards, interconnectivity & Interoperability principles, and smart automation. 2. Purpose for Category 2: Sustainability & Circular economy could be enhanced a little with red text as additional: - Best approaches, practices and results aimed at minimizing the environmental impact (prevention of pollution, sustainable use of resources, climate change mitigation, protection of the environment) of the company's processes and products including implementation of standards. 220124_Impresa2022_Indicators_SelfAssessment.xlsx For all three categories, explore adding either as part of "01. General" and/or "03. Implementation" a subcategory on "Standards" and add Indicators as 1. Product & Processes are based on Global/Regional/local Standards, please share information 2. Is Interoperability & Interconnectivity applicable to Products/Systems, if so please share information 3. What is the Test & Certification Methodology implemented (Self or Third Party) 4. Whether Organization Locally/Globally active in Standards Development activity if so please share.			

| 84 | M | 24-01-2022 | Sixth Study Group Meeting of Digital Signature Committee of the BIS | The main purpose of this meeting was to discuss and finalize the study group report on digital signature | During the meeting:
1. The convenor, Mr. Ranjeet Goswami, welcomed the members to the sixth study group meeting of Digital Signature.
2. The study group reviewed the composition and decided to retain with the existing composition.
3. Draft contents of the report
4. Sharing the list of standards which are relevant to digital signature and PPT's which he presented in the previous meetings and member secretary informed he would be sharing the previous meeting agenda and minutes to the group.
5. The Study Group decided to complete the draft study group report by 09 Feb 2022. The draft report then would be shared with the committee members through email for comments/suggestions and will be finalized after the consultation with the chairman of committee.

Mr. Dinesh Chand Sharma, SESEI along with other group members has been tasked to provide inputs on the following contents of the report.
- Gap analysis
- Study group recommendation
- Conclusion
- References | Continue working with SSD-II of BIS and contribute EU standardization work around digital signature | Closed | Services |
| 85 | E | 25-01-2022 | Open Consultation for TSTPs Development | Inviting participation of prospective labs, OEMs and interested parties for the development of Test Schedules & Test Procedures (TSTPs) for the identified Telecom equipment | National Centre for Communication Security (NCCS) is in the process of developing TSTPs for the telecom equipment viz. Wi-Fi CPE, Mobile Device, (U)ICC, IP Router. The test schedules and test procedures will be developed for the above 4 elements against the ITSARs published in NCCS website. | N/A | Closed | ICT |

					Participants were invited to discuss Test Schedules & Test Procedures (TSTPs) for the identified Telecom equipment.			
86	M	25-01-2022	TEC / SESEI / DCMS discussion	Proposal to organise a Webinar around EN 303 645 etc.	Call was used to share updates from DCMS on our consumer IoT legislation, TEC updates and plans for the future, and to discuss ETSI EN 303 645 and other relevant international standards. As a way forward post meeting following action item shared for update, or provide input/suggestion on it. 1) Contact GCF to check their plans of earlier planned webinar and explore possibility of having one workshop jointly: TEC, please write an email to lars for a call including me to have discussion on it. 2) Draft Agenda: First draft post call with Lars/GCF: Dinesh & Sushil Ji a. Inaugural session: 15 minutes b. Session on Standards/Specifications & Legislation: 60 minutes c. Session on Testing & Certification, Labelling etc.: 60 minutes d. Session on Conclusions: Way Forward: 30 Minutes 3) Proposed week for the Workshop: End of Feb or March 4) Sushil ji to share NTC and Security by Design latest draft with ETSI, DCMS for their comments and suggestions.	follow up the action items and successful organisation of workshop	Closed	ICT
87	E	27-01-2022	CII Conference on Smart Meter Industry	CII organized a conference on Smart Meter Industry	This conference was divided into three following sessions: **Digitalisation of India's Power Distribution with Smart Metering – Key Challenges** National Smart Grid Mission (NSGM), an initiative by the Ministry of Power was undertaken to build a	N/A	Closed	Electrical Equipments including Consumer Electronics

| | | | | | roadmap to plan, support and monitor the implementation of the Smart Grid policies and programs in India. The NSGM goals, aligned with the national power sector priorities, aim at the establishment of SLPMUs, Advance Metering Structure, Network mapping and Consumer Indexing, Microgrids & Renewable integration, and SCADA implementation – to create generation-side flexibility linked to the capability of the power system which can modify electricity production or consumption in response to renewable variability to ensure system security.

In this respect, this session aimed to focus on the challenges to reform the power distribution through digitalisation with Smart Metering as its backbone

Smart Meters for Consumers & State Utilities – Getting it Right
Electricity consumers in India are about to experience a change in how they receive and pay their bills, with the introduction of an advanced smart metering technology nationwide. The SMNP (Smart Meter National Program) aims to replace 25 crore conventional meters, and large-scale replacement of conventional meters with smart meters. While this might seem like an advancement that smoothens out the creases in the metering and billing systems and create value for consumers while introducing operational and financial efficiencies for the Discoms, the implications of installation of smart meters are manifold and they go beyond the outcomes seen in the previous transition from | | | |

					electro-mechanical to digital meters.			
					This session aimed to focus on supporting consumers' data-driven energy decisions and shaping the right policy & regulatory environment to support large-scale implementation including the effective and time-bound implementation of the Revamped Distribution Sector Scheme.			
					Value of Smart Meter Data – A dive into data analytics The smart grid increases the efficiency of power usage by the introduction of bi-directional flow of information from utilities to consumer and vice-versa. This is possible by the introduction of Advanced Metering Infrastructure (AMI). The huge volume of data collected from two-way communication smart grids at different time need advanced data analytics to extract valuable information not only for billing information but also the status of the electricity network i.e., the high-resolution user consumption data can also be used for customer behaviour analysis, demand forecasting and energy generation optimization. Predictive maintenance and fault detection based on the data analytics with advanced metering infrastructure are also crucial for power security.			
					This session aimed to focus on building revenue from smart meter data using new and emerging technologies – artificial intelligence and data analytics.			

| 88 | E | 27-01-2022 | WEBINAR on "Quantum Technology: Unlocking the future | Department of Telecommunications (DoT) in partnership with National Telecommunications Institute for Policy Research, Innovation and Training (NTIPRIT), organized a webinar on "Quantum Technology: Unlocking the future | Classical computers have helped us unlock some mysteries we couldn't process with human power alone, but in the age of quantum computing, we may be able to take that power even further. Quantum computers work by using quantum mechanical phenomena to process massive datasets where these datasets would bog down a classical computer, the use of quantum properties such as superposition of states and entanglement to speed up processing power and handle a seemingly unlimited number of variables. Quantum computers use qubits (quantum bits) that mimic the state of subatomic particles and can exist as a 1 or 0 or both at the same time. It has applications in cybersecurity, internet search, and artificial intelligence. Almost every industry from finance to telecommunications could also reap the benefit of quantum technology.

Webinar agenda was a below:
- Inaugural Session
- Technical Developments and Standards
- Quantum Technologies and Applications (QTA): Govt Policy & Initiatives
- India's Start up Eco-system: Use cases and Opportunities in Quantum Technology
- Conclusion | N/A | Closed | ICT |
| 89 | M | 28-01-2022 | 9th meeting of LITD 35 AAL of BIS | 9th Meeting of Active Assisted Living Sectional Committee, LITD 35 | **Agenda of the 9thMeeting of Active Assisted Living Sectional Committee, LITD 35 was as below:**
Item 0 WELCOME AND OPENING REMARKS
Item 1 FORMAL CONFIRMATION OF THE MINUTES OF THE LAST MEETING
Item 2 DRAFT STANDARDS FOR APPROVAL FOR | Successful adoption/implementation of EN 301549 in India | Closed | ICT |

					FINALIZATION - LITD 35(18478): 'Accessibility for ICT Products and Services, Part 2: Determination of Conformance' **Item 3 INTERNATIONAL ACTIVITIES** - The Committee, Active Assisted Living (AAL), LITD 35 is the National mirror committee (NMC) of IEC SyC Active Assisted Living. India is a Participating member (P-Member) of IEC SyC AAL **Item 4 DATE AND PLACE FOR THE NEXT MEETING** **Item 5 ANY OTHER BUSINESS**			
90	E	28-01-2022	Virtual Release of EBG Position Paper 2021	19th Edition of the EBG Federation's Annual Position Paper Release	During the event, EBG Federation released 19th edition of its position paper. The EBG Position Paper (PP) expresses the relevant concerns of EU Corporates in carrying on or growing their business in the current environment in India and proposes key policy reforms that will be conducive to the growth of business. This Position Paper forms an integral part of the Annual EU - India Summit and is also an important reference point for the European Commission in its bilateral deliberations with the Indian Government.	N/A	Closed	Generic
91	I	28-01-2022	Catch Up call between SESEI and CEN CENELEC	Mr. Eric Marchand scheduled a meeting with SESEI as a catch up call to seek updates on the Project milestones and the various activities which are currently being worked upon by SESEI	During the meeting SESEI expert shared updates on all pending action items covering: - DG Grow and EFTA report on standards and its benefits to the economy and society - SESEI Survey - MoU & Press release - Framework License Agreement - SDGs - Webinar on CE/RE - Framework license agreement - EN-115 agreement renewal - Market Access	Continue working with CCMC for closure of pending action items	Closed	Generic

					- Webinar on Railway - Copyright Agreement on Services Standards Post meeting following updates were also shared: 2) SESEI survey executive summary and report 3) Draft Press release on the MoU shared with BIS as attached, please get the Elena quote approved, while I am working on BIS side. 4) ETSI MoU signed by DG BIS, pending DG ETSI signature as attached. This will help drafting adoption & copyright clauses as approved by BIS. 5) BIS Catalogue ppt and excel report 6) BIS is open for a coordination meeting informing their head of department post MoU signature anytime end of feb or March any week, mid of the week for the call, please propose few dates options for the call. 7) Webinar short report with link to related documentations. 8) EN-115 old agreement 9) List of EN-81 standards with a request for identical adoption in line with EN-115 agreement from BIS. 10) Report: SESEI-IV Survey, SESEI Achievements & SESEI-V context 11) My monthly Activity Tracker report covering list of queries (also part of item 10)			
92	M	31-01-2022	Meeting of IT and IT enabled services Sectional committee, SSD 10	Sixth meeting of IT & IT Enabled Services Sectional Committee (SSD 10) was organized by BIS	**Following agenda items were discussed during the meeting:** - CONFIRMATION OF THE MINUTES OF THE PREVIOUS MEETING. - REVIEW OF SCOPE AND COMPOSITION OF SSD 10. - ISSUES ARISING OUT OF PREVIOUS MEETING - DRAFT STANDARDS/AMENDMENTS FOR FINALIZATION	Continue work with BIS on this subject	Closed	Services

					- PROGRESS OF WORK ASSIGNED TO WORKING GROUP (SSD 10/WG-1) AND STUDY GROUP			
93	M	31-01-2022	India - regulation / standardization in general	Wolfgang Bilz, Director Compliance and Regulatory Affairs EMEA, requested a meeting with SESEI expert to discuss about India standardization and regulation.	SESEI expert had a fruitful discussion about India standardization and regulation.	N/A	Closed	Generic

SESEI-IV: Queries								
Sr. No.	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
1	25-Mar-22	Shared a short report covering EU policy/standard related work around accessibility	FICCI – ICT & MM Division <ficci.ict@ficci.com>	ICT	FICCI	Dear Vidit, Thanks for sharing this great draft report on this important subject and glad to see that Dr. Nirmita and Dr. Manocha are author and contributors to it. I am working very closely with them on this important subject. My immediate input/suggestions which seems to be missing currently are: **Item 1:** India through Electronics & Information Technologies Department (LITD) Sectional Committee (SC-35) of BIS has finalized an "Indian accessibility standard for ICT products and services" which is divided into two parts, with Part – 1 covering requirements and Part – 2, Conformity Assessment. This present Indian Standard IS 17802 (Part 1) is based on the European Standard EN 301 549 v 3.2.1 with modifications limited	Email Query	Open

						to Indian legal provisions (Rights of Persons with Disabilities Act, 2016) and support to Indian languages, broadcasting accessibility requirements of captioning, sub-titling and Indian sign language and stationary ICT physical attributes. Part-2 is under finalization for its publication very soon. With the publication of the standards, one can expect efforts to pick up momentum across sectors in India on adoption by all stakeholders. *- On this item, we can suggest the inclusion of above standard as mandatory for its implementation in the Govt. Procurement policy for ICT Products and Services and recommend the industry to take its adoption on a voluntary basis.* **Item 2:** We prepared a short report as enclosed recently to cover the latest on EU Legislation & Standards addressing accessibility. *- On this item, we could include this entire report as a case study in this FICCI Industry Report with a recommendation to further study, adopt and implement the relevant standards from this EU report as applicable in Indian Context.*		
2	16-Mar-22	Query on Technical Clarification on CLC / TS 50576	Rithesh Karkera <Rithesh.Karkera@Polycab.com>	Electrical Equipment and Consumer Electronics	POLYCAB INDIA LIMITED	Dear Rithesh, It seems to be case/query more associated with Testing & Certification as decided and carried out by Labs and we don't deal with it however based on the TS 50576, Let me share some input to your listed queries based on TS description. **1. What if some cables within the family falls under GENERAL EXAP (GE) and the same family has a cable governing to the SPECIFIC EXAP(SE) which falls under**	Email Query	Closed

the EXTRAPOLTAION CRITERION? Can we consider this as one of the samples for CPR testing amongst the three in General EXAP?

Response: Specific EXAP applies for the use of safety margins and cable parameters derived from extensive CEMAC test for the most common generic type of power cables and General EXAP is more towards the statistical treatment of the actual test results obtained from a cable family. With this, If the cable family falls under one of the generic power cable families such as single core unsheathed; single core sheathed (unarmoured); multicore sheathed (unarmoured); armoured single or multicore; for which General EXAP applies; the specific EXAP with safety margin as a function of classification parameter and class may be applied (refer clause 4.1.2 of TS 50576).

2. Could you please confirm if the cables with the GENERAL EXAP sample selection governs the EXTRAPOLATION RULE!.
and
3. Can they declare the fire performance of the cables with the diameter greater than the dia. of the cable tested under the extrapolation rule with the obtained results?

Response: EXAP based on extrapolation applies to larger diameters for cable families as listed in Table 2 (page 12 of TS 50576). The condition for this extrapolation is that fire performance actually improves with increasing diameter which is fulfilled if the classification for a large diameter cable is B2ca or Cca (Refer Section 5.2). Hence Cables with a diameter larger

						than allowed by Table 2 may be assessed using the extrapolation rule given in 5.2 provided that the conditions stated in 5.2 are met. Warm Regards,		
3	15-Mar-22	Inputs to draft document on IoT/ ICT standards for Smart Cities, being prepared by TEC	Sushil Kumar <sushil.k.123 @gmail.com >	ICT	TEC	Dear Sir, Within Bureau of Indian Standards (BIS), Medical Equipment and Hospital Planning Department (MHD) is responsible for Standardization in the field of medical equipment. Department has published around 1470 standards. - MHD 17: Health Informatics: is responsible for standardization in the field of information for health, and Health Information and Communications Technology (ICT) to achieve compatibility and interoperability between Independent systems. Also, to ensure compatibility of data for comparative statistical purposes (e.g. classifications) and to reduce duplication of effort and redundancies. Most of standards published by MHD 17 has been covered in "EHR Standards Version 2016" notified by Ministry of Health and Family Welfare (MoHFW).	Email Query	Closed
4	21-Feb-22	Dear Dinesh, I hope you're well. Some of my colleagues in DCMS are looking to better understand if work on certain policy areas is underway within the Indian government	James Deacon <james.deac on@dcms.go v.uk>	ICT	Department for Digital, Culture, Media & Sport	Dear James, Please find enclosed a short report consolidating policy areas underway or happened in recent times within the Indian government covering the subject of Digital Service Providers, Smart cities/connected places, Cyber skills (i.e. training and education), Digital Identity including Digital India. Hope you find them appropriate addressing your requirements.	Email Query	Closed

		- I wanted to check whether you were aware or had any thoughts on who it would be best to ask? The areas are: digital service providers, smart cities/connected places, cyber skills (i.e. training and education), and digital identity. Of course, I completely understand if you're also not sure! Best wishes, James				Warm Regards,		
5	18-Feb-22	Article on "European policies and Standardization work around 5G and latest tie ups in India	"Gajendra Upadhyay" <gajendrau @cybermedi a.co.in>	ICT	Voice & Data https://www .voicendata.c om	Dear Gajendra, Please find enclosed draft article covering policy and standardization work around 5G in Europe. We also covered European tie ups in India. Please note on European/Global Standards - 3GPP (2G&&5G), oneM2M (M2M/IoT) adoption and implementation is a good story: TSDSI, TEC, OEM and other TSPs - TEC Standard for Energy Consumption Rating and Energy Passport for Telecommunications Products is based in ETSI EN 303 215, EN 202 706-1, EN 102 706-2,	Email Query	Closed

						EN 303 470, ES 201 554 etc.: COAI/TSPs - TEC Code of practice is an adoption of EN 303 645 (cyber security standard for consumer IoT devices): Sensorise - Lifts and Escalator implementation in India happens on Indian Standard based on EN-115: KONE - Recently BIS has released an Indian Standard based on EN 301 549 to address the Accessibility requirements for ICT products and services: MEITY, CDAC, BIS & NGOs working on Accessibility Warm Regards,		
6	13-Jan-22	Dear Dinesh, first of all, happy 2022! As you know, the standardisation strategy is about to be published, so as support to it our hierarchy, our cabinet and our Commissioner ask for statistics and data on the usage of European standards in the world. I wonder if you could quickly send me a list of ENs taken over by India that would help us a lot. Normally I am not directly involved in the strategy, but right now it is all hands on deck, especially for this collection of international	VACCARO Silvia <Silvia.VACCARO@ec.europa.eu>	Generic	European Commission	Dear Silvia, Happy New Year 2022. While the consolidated statistics and data of such nature is not available, I can say following on this: **ENs Adopted/Implemented:** **- Railways Sector,** almost 60% are EN implementation (see enclosed summary) and the detailed report is available http://www.sesei.eu/wp-content/uploads/2018/02/Railway-standards.pdf **- ICT Sector,** o Almost all Safety (EMC/EMI) standards in India are based on ENs o Almost all Security (Essential Requirements) Standards are based on 3GPP or ETSI ENs. § Also, India has recently adopted EN 303 645 - cyber security standard for consumer IoT devices: TEC Code of Practice and the work continues for other Security	Email Query	Closed

					related Standards adoption in India.		
		diffusion of ENs data, that no one seems to collect ;-) BTW, I also asked CEN CENELEC and ETSI for the same information and got some interesting info on the diffusion of some of their standards globally, but the more the better. Many thanks in advance for your help and I hope we will be able to meet in person soon! Ciao Silvia			o India has adopted OneM2M Release 2 Specifications as national Standards in India o "Standard for Energy Consumption Rating and Energy Passport for Telecommunications" are based on ETSI Standards: EN 303 215, EN 202 706-1, EN 102 706-2, EN 303 470, ES 201 554 etc. o EN 301 549 on Accessibility requirements suitable for public procurement of ICT products and services is adopted as an Indian Standard **- Lift & Escalator** o EN-115 is adopted as an Indian Standard and word continues to make this Indian Standards updated to latest EN-115 o India has an interest to adopt identical safety standard of EN 81 series **ENs in the pipeline:** **- Ropeways/Cableways** **o** Some of Indian Standards are already updated to CEN Standards for Ropeways/Cableways and the work continues for rest while major procurement continues to be based on ENs **- Services** **o** India has an interest to adopt ENs in the areas of Fitness, Playground (CEN TC/136), Transport, Logistics and Services (CEN TC/320), list shared with them. **- Circular Economy** **o** India has an interest to adopt e-Waste standards covering EN 50625 series and EN 50614 **Interested to adopt:**		

					• Other possible standards for Indian adoption for which BIS have queried SESEI expert in the recent past are about Gym, Sports Goods, Aluminum Scrap, Energy Storage, Broadcasting, Services, microphones, solar, fire safety, toys safety etc. **Hope it helps in addressing the requirements, please let me know if any additional information are needed.** **Warm Regards,**		