

## Annexure 2

### Activity Tracker & Queries for the period of 'October-December 2021'

#### Quarterly Report No. 10

Sr. No.	Description	Total Until now	In Last Quarter (Oct to Dec 2021)
1	External Meetings	335	40
2	Internal Meetings	76	5
3	Events/Seminar/Workshop/Roundtable	332	44
	<b>Total</b>	<b>743</b>	<b>89</b>
4	No of Queries	93	8

## SESEI-IV

### Quarterly Activity Update: Oct-Dec 2021

Sr. No	CAT	Date	Meetings/Events:	Subject:	Outcome:	What Next	Status	Sector
1	E	02-12-2021	3rd Workshop on Advanced Digital Communication Technologies Toolkit for India organised by the Delegation of the European Union to India	Delegation of the European Union to India organised the third edition of the Work on Advanced Digital Communication Technologies Toolkit for India. During the workshop experts from India, Bhutan and Sri Lanka were invited to share their experience and knowledge on the Advanced Digital Communication Technologies Toolkit	<p>The Delegation of the European Union to India invited SESEI to attend virtual workshop No.3 on 'Advanced Digital Communication Technologies Toolkit for India &amp; Neighbouring Countries' Project, an initiative of the European Union. The workshop had panellist and participants from India, Europe, Sri Lanka, and Bhutan.</p> <p>SESEI attended the workshop, provided necessary intervention, and input to ensure a technical synergy</p>	N/A	Closed	ICT
2	E	02-12-2021	Webinar on "Quantum Networks: Realities and Opportunities" organized by ERNET India, SETS Chennai and CDAC Bangalore	ERNET India, SETS Chennai and CDAC Bangalore jointly organized a webinar on "Quantum Networks: Realities and Opportunities"	<p>The objective of the webinar was to explore the possibilities of practical quantum communication systems design and deployment on a broader scale. Also, it aimed to provide an insight into quantum networks from an engineering perspective and be familiar with experimental realization, functioning and overall network operations. Overall, the workshop motivates academic and industry research communities to design a commercial quantum system.</p> <p>During the session the main topics were - Session 1: Long distance quantum communications</p>	N/A	Closed	ICT

					<p>- Session 2: Building a Quantum Technology Ecosystem of the future: An Industry Perspective</p> <p>- Session 3: Practical Challenges in Quantum Networks and Solutions Schedule</p>			
3	E	03-12-2021	SDN & NFV India Congress 2021	SDN & NFV India Congress 2021 organised by Nexgen Conferences, to understand how SDN & NFV will benefit Cellular Operators in deployment of 5G Technologies in India.	<p>SDN &amp; NFV deployments have started changing operational and service dynamics for operators across the globe. It is now time for Indian operators to accelerate SDN/NFV deployment plans to cater to the increasing service needs of the Indian subscribers.</p> <p>In order to provide a perfect roadmap of SDN &amp; NFV development in India, all the stakeholders were brought on a platform to discuss the potential of NFV &amp; SDN, plus best practices, operational readiness and deployment challenges.</p>	N/A	Closed	ICT
4	M	03-12-2021	Conference call with ETSI and TSDSI for participation in the India Mobile Congress 2021	India Mobile Congress 2021 Session on the path to 6G: Workshop on EU-IN vision for beyond 5G standards	SESEI scheduled a meeting with Ms. Bindoo Srivastav of TSDSI and Mr. Xavier Piednoir, ETSI to discuss the joint session being organised by them on topic of "The path to 6G: Workshop on EU-IN vision for beyond 5G standards". The session was sponsored by InDiCo. The discussion was held on the finalisation of the topics and the key messages to be presented during the conference. The template for the webinar and other issues were discussed during the conference call.	Successful organization of session/webinar	Closed	ICT
5	M	03-12-2021	Conference call meeting of the Preparatory group for the standards webinar on REI / CE scheduled to be held	Regular conference call meetings of the Preparatory Group are being held to discuss the topics, suggested speakers and other logistical details	<p>During the meeting discussion was held on;</p> <ol style="list-style-type: none"> <li>1. Updated background notes clean copy (highlighted yellow are changes from last version)</li> <li>2. Updated agenda</li> <li>3. Draft speakers invite.</li> <li>4. Action items list</li> </ol>	Successful organization of conference on REI/CE	Closed	Circular Economy

			on 16th January 2022					
6	M	06-12-2021	Meeting with Broadband India Forum	Meeting to understand EU-INDIA ICT Project	A meeting was requested by Broadband India Forum (BIF) with SESEI to discuss arrangement / proposition of EU-INDIA ICT Project. SESEI explained the project scope and activities ongoing through the project and role of SESEI	N/A	Closed	ICT
7	M	06-12-2021	Meeting of the TEC Working Group (WG) on "Security by design Principles in M2M device	The TEC Working Group on Security by design Principles in M2M device. The working Group is finalising the on TEC Technical Report on "Security by design Principles in M2M device manufacturing and National Trust Centre for certification of M2M devices and applications"	SESEI was asked to provide inputs on TEC Technical Report on "Security by design Principles in M2M device manufacturing and National Trust Centre for certification of M2M devices and applications". SESEI has updated the Annexure -A with following as per the updated ToC: - Added a new section 4.4 for covering work of European Union - Added 4.6 & 11.5 for capturing work of CEN-CENELEC	Continue work with TEC on this subject	Closed	ICT
8	E	07-12-2021	India-UK Partnership Programme: Low Density Rural Deployment Workshop	On behalf of CSA Catapult, Unconventional Connections, Finovista and Innovate UK, and under the India-UK Partnership Programme a workshop on Low Density Rural Deployment was held to discuss Low Density Rural Deployment: developing cost-effective components, systems and architectures that support expansion into sparse rural environments	This online workshop was the fifth in a series of six and discussed Low Density Rural Deployment: developing cost-effective components, systems and architectures that support expansion into sparse rural environments. SESEI provided all necessary inputs including 5G v/s 5Gi and other items missing but relevant from an Indian context.	N/A	Closed	ICT

9	E	07-12-2021	Webinar - Virtual Delegation from Germany: Renewable Energy and Storage Technologies for Charging Infrastructure	The Indo-German Chamber of Commerce (IGCC) organized a (Virtual) Delegation from 6th - 10th December 2021 on the topic of Renewable Energy and Storage Technologies for E-Vehicle Charging Infrastructure in India	<p>This project is funded by the German Federal Ministry of Economic Affairs and Energy (BMWi) as part of the German Energy Solutions Initiative and is organized in co-operation with eclareon GmbH. Indian stakeholders (regulatory bodies, research institutions, financing agencies as well as companies) engaged in the fields of renewable energy as well as energy storage &amp; infrastructure for e-vehicle charging participated in the programme.</p> <p>German Experts and Companies participating in the Delegation and the Technology Symposium</p> <ul style="list-style-type: none"> <li>• Electric Mobility in Germany – Market Diffusion and Impact on the Energy System Dr. Till Gnann, Fraunhofer Institute for Systems and Innovation Research ISI</li> <li>• Power and Heat from the Sun SunOyster GmbH (<a href="http://www.sunoyster.com/">www.sunoyster.com/</a>)</li> <li>• Monitoring Solutions for Solar PV Plants for Smart Energy Management Solar-Log GmbH (<a href="http://www.solar-log.com/en/">www.solar-log.com/en/</a>)</li> <li>• Power Conversion, Energy Storage and Fast Charging Solutions VENSYS Elektrotechnik GmbH (<a href="http://www.vensys-elektrotechnik.de/de/">www.vensys-elektrotechnik.de/de/</a>)</li> <li>• Energy Storage based on Salt Batteries Team Blau GmbH (<a href="https://team-blau.net/">https://team-blau.net/</a>)</li> </ul>	N/A	Closed	Electrical Equipment including Consumer Electronics
10	E	08-12-2021	TSDSI-ETSI Session @IMC 2021 Conference on “The path to 6G:	The India Mobile Congress is the largest digital technologies forum in India and South Asia, consisting of	TSDSI and ETSI jointly organised a session on day 1 (8th Dec’2021) of IMC 2021 conference from 16:30 to 18:45 IST on the topic of “The path to 6G: Workshop on EU-IN vision for beyond 5G	Work standards developing organizations	Closed	ICT

			Workshop on EU-IN vision for beyond 5G standards”	a three-day international conference and a technology exhibition. During the India Mobile Congress, ETSI along with TSDSI jointly organised a workshop on 6G Standards	standards”. The session was sponsored by InDiCo.  The objective of the session was to lead to identification of areas of common interest for research and pre-standardization activities in the area of “beyond 5G”, and explore strategies for bringing vertical sectors from both regions on board in the critical phase of use cases and requirements definition, with a view to form a strong basis for the definition of one globally harmonised technical solution meeting these requirements.  The session fostered exchange of views among EU and India experts on Vision and Roadmap, policy initiatives and initiate a discussion on recommended steps for facilitating early alignments for development of globally harmonised standards in the beyond 5G landscape. It featured experts from India and Europe sharing considerations on the above topics, followed by a panel discussion.	such as TSDSI, TEC etc. to facilitate early alignments for development of globally harmonised standards in the beyond 5G landscape.		
11	E	09-12-2021	International Conference "One Sun One World One Grid on 9 December 2021	CII organized an International Conference “One Sun, One World, One Grid (OSOWOG)” initiative on 9 December 2021	CII, attaches a huge significance to this project and have created a Task Force on OSOWOG, comprising of senior industry members from the energy sector. The objective of the Task Force to support the initiative through promoting and facilitating collaboration and partnership between stakeholders across the world.  Against this backdrop, CII organized this International Conference “One Sun, One World, One Grid (OSOWOG)” initiative over virtual	N/A	Closed	Electrical Equipment including Consumer Electronics

				<p>platform. The conference aims to bring all stakeholders together to create awareness about the initiative, share perspectives on the policy, regulatory and technology aspects as well as explore scope of partnership.</p> <p>Some eminent Speakers at the conference were ...</p> <ul style="list-style-type: none"> <li>• Mr Bhagwant Singh Khuba, Hon'ble Minister of State (New and Renewable Energy, Chemicals and Fertilizers), Government of India</li> <li>• Dr Rakesh Sarwal*, Additional Secretary, NITI AAYOG</li> <li>• Mr Dinesh Dayanand Jagdale, Joint Secretary, MNRE*</li> <li>• Dr Ajay Mathur, Director General, International Solar Alliance (ISA)</li> <li>• Mr Upendra Tripathi , Former Director General , International Solar Alliance</li> <li>• Mr Philippe LIENHART, Strategy Innovation New Business Manager EDF CIST</li> <li>• Team Leader of OSOWOG Project for ISA</li> <li>• Mr Pratik Agarwal, Chairman, CII Task Force on OSOWOG, Chairman, Sterlite Industries Ltd</li> <li>• Mr Rajiv Ranjan Mishra, Co Chairman CII National Committee on Power and Manging Director, Apraava Energy</li> <li>• Dr Rajib K Mishra, Director and Chairman and Managing Director, PTC India Ltd</li> <li>• Mr Vineet Mittal, CEO, Avaada Group</li> <li>• Mr Pitamber Shivnani, MD &amp; CEO, GE T&amp;D India Limited</li> </ul>			
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12	E	10-12-2021	“Digital Technology Innovations Series Webinar#3: “Fintech Advancements with 5G”	A joint webinar series on “Digital Technology Innovations – Case Studies from India and the Asia-Pacific Region” is being organized by TSDSI and ITU, with support from the Department of Telecommunications, select Ministries of Govt of India and other partners from the Asia-Pacific region	<p>The third session of this series highlighted the 5G Use Cases for Fintech in India and the Asia-Pacific Region.</p> <p>This session is being conducted under the aegis of The Asia and the Pacific Regional Dialogue on Digital Transformation: Gearing Up for Inclusive and Sustainable Development. Experts presented their experience and sharing of information on;</p> <ul style="list-style-type: none"> <li>- 5G Use Cases for Fintech – India</li> <li>- 5G Use Cases for Fintech – ASP Region</li> </ul>	N/A	Closed	ICT
13	E	10-12-2021	The Awareness Workshop on "ICT Accessibility and Standards" by C-DAC	Workshop organized by CDAC in online mode, to create awareness in the stakeholders in terms of the Accessibility in ICT products & services and to brief about the standards- Accessibility for ICT Products and Services (Part 1: Requirements, Part 2: Determination of Conformance) developed under the LITD 35 Sectional Committee.	<p>As you are aware that wider adoption of ICT solutions is being carried out across various sectors, enablement of Accessibility is very important. Accessibility in ICT products &amp; services shall facilitate the 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.</p> <p>With above as the goal, Ministry of Electronics and Information Technology (MeitY) &amp; C-DAC is engaged in formulating an ICT Accessibility standard along with STQC &amp; BIS as part of the “Knowledge &amp; Resource Centre for Accessibility in ICT (KAI)” initiative. The standard is set to define the Accessibility requirements (Part 1: Document number: 17829) and Determination of</p>	N/A	Closed	ICT



					<p>Conformance (Part 2: Document number: 18478) for various categories of ICT products &amp; services to establish the common ground for the suppliers and the end users. Part 1 is in the advance stage for publication and notification and Part 2 is presently under wider circulation through BIS portal for comments till 24 December 2021.</p> <p>To bring out the details of the standard and brainstorm the implementation approaches, an online Awareness Workshop is organized. The objective is to create wide-scale awareness among ICT Industry including developers, providers of products &amp; solutions, decision makers and procurement officials from the Government, agencies involved in testing &amp; conformance, members of industry bodies, various sections of society, members from disabled person's organizations, NGOs and end users etc.</p>			
14	I	10-12-2021	Conference call meeting with CEN-CENELEC	Periodic catch-up call was organised between CEN CENELEC and SESEI.	Ms. Jarita for CENCENELEC and SESEI discussed the status of various action points pending covering SESEI-V, BIS MoU, Press release, Webinar on CE/RE, EN115 upgrade, EN-81 adoption, Market Access, Railways and Copyright agreement.	Closure of Action items	Open	All
15	M	13-12-2021	Meeting with officials from International Relations Department (IRD) of Bureau of Indian Standards	SESEI met with the IRD Officials from BIS. The meeting was mainly held to discuss and seek their support for the upcoming webinar on CEI/ RE standards. SESEI also discussed the	BIS has agreed to support the RE/ CEI standards without any financial obligations. It was also confirmed that the BIS & ETSI MoU has been finalised.	Successful organization of conference on RE/CE	Closed	RE/CE

				status on the ETSI BIS MoU which has almost been finalised.				
16	M	14-12-2021	Virtual Meeting with Mugdha M.	A meeting was requested by Ms. Mugdha M, a PHD student with research area as telecom policy and regulations to understand the policy, regulatory and standardization work in Indian Telecom Sector	During the meeting she sought insights on the following topic. 1) view on ombudsman in telecom in India 2) Rural connectivity in telecom in India 3) TRE- Telecom Regulatory Environment  SESEI provided all necessary information on the ICT sector in India. SESEI also gave an overview of the Project and its objective. ICT Sector report was shared with Ms. Mugdha.	N/A	Closed	ICT
17	I	14-12-2021	Conference call meeting with Ms. Margot Dor	Project SESEI-IV timelines and budget	Call was held to discuss the SESEI-IV timelines, budget savings and adoption of EN 301 549 etc.	N/A	Closed	ALL
18	E	14-12-2021	Invitation for meeting with NABL for Accreditation of ICT (Information and Computer Technology) Equipment	Accreditation of Telecom Product Certification Labs	SESEI was invited to share his knowledge and experience to NABL as part of expert group to frame an accreditation criterion for labs in India for taking care of Telecom Product Essential Generic and Interface requirements	N/A	Closed	ICT
19	M	14-12-2021	Virtual meeting of the TEC working group on Smart Grid	Virtual meetings of Working Group (WG) on IoT and 5G applications in Smart Grid is being held periodically to finalise the TEC report on the Smart Grids and the role that IoT and 5G will play.	During the meeting, inputs/comments received on the draft document report, were discussed.	Continue working with TEC on this subject and contributing/promoting EU work	Closed	ICT
20	M	15-12-2021	Virtual meeting with DECT Forum	DECT in India	Virtual meeting was held to discuss the status of DECT in India and activities carried out until now and way forward. SESEI shared all background, its	Explore last possibility of DECT	Open	ICT

					status including a letter sent on behalf of ETSI DG in the past. SESEI assured all possible support on the subject.	implementation in India		
21	E	15-12-2021	IESA Global Open Webinar on Urban Air Mobility (UAM) & Technology Development	<p>IESA has been mobilizing businesses in the urban air mobility space at global scale. IESA- ESA are setting up this webinar to explore international cooperation opportunities bringing in ESA supported consortia working on the air mobility and IESA business network active on the topic. This webinar covered all the aspects of UAM/UAS activities and best use cases and would answer the rising concern on the UAM security.</p> <p>Discussion Points:</p> <ol style="list-style-type: none"> <li>1) Geo Mapping using Satellite Earth Observation to increase the safety of the passengers</li> <li>2) Command &amp; control information and cloud computing technology for seamless communication</li> <li>3) Development of UAM Infrastructure</li> <li>4) Risk Assessment and</li> </ol>	<p>The Commercial global UAM market has reached approximately \$13 billion by 2020 and are expected to grow beyond \$40 billion by 2027. UAMs have evolved beyond their military origin and have become an integral business tool. In the wake of the COVID-19 outbreak across the globe, there has been a considerable increase in the utilization of UAM technology across various scenarios, with UAMs proving to be of immense assistance in such situations. UAM are being widely adopted in the healthcare sector for lab sample pickup and delivery as well as transportation of medical supplies for reducing transportation turnaround time and curtailing the exposure to infection. As per the UNICEF, so far, more than eighteen countries have deployed UAMs for delivery and transportation purposes during the pandemic. The integration of advanced technologies such as Artificial Intelligence (AI), Machine Learning (ML), fast and seamless connectivity through 5G delivery model and integration of cloud computing technology has made UAMs to communicate in high demanding environments to perform operations such as media sharing, command and control, and autonomous flying.</p> <p>All these advancement in the UAM technology has raised some concern regarding security and risk assessment. FAA has estimated the number of</p>	N/A	Closed	ICT/smart mobility

				<p>Cyber security of UAM technology</p> <p>5) Integration of Artificial Intelligence (AI) and Machine learning (ML) in UAM</p>	<p>domestic commercially owned small UAMs have increased from 42,000 to 420,000 from 2016 to 2021. On the other hand, personally owned UAMs by hobbyists, has grown from 1.1 million to 3.5 million over the same period. That implies around 3.9 million UAMs are there as of now. This dramatic rise in UAM traffic poses a challenge for safety and security of an individual and an organization.</p>			
22	M	16-12-2021	<p>Conference call of the Preparatory Group for proposed Webinar on RE/ CEI standards</p>	<p>Preparatory Group comprises of SESEI, Officials from GIZ Resource Efficiency Team, CENCENELEC and SIS(Sweden). Regular meetings are being held to ensure coordination and work being carried out on all the action items required for successful organisation of the webinar</p>	<p>Telecom Reforms 2.0 to bailout the stressed and sinking telecom services sector by the central government, rightly termed as a bold “Atal Moment” equating the relief package with what was done in 1999 under the “New Telecom Policy-99”. The package, which was needed to help the telecom operators for their liquidity crunch, provided a moratorium for statutory and regulator payments for short term as well as objectively streamlined the AGR definition, the root-cause of everlasting litigation. The reforms also envisaged a number of long-term concessions and reliefs as a part of this generous and much needed relief, including a reduction in the entry fees and bank guarantees (BGs) for operating licences, enhancing the FDI limit under Automatic route in Telecom services to 100%, rationalisation of Spectrum Usage Charge (SUC), etc.</p> <p>In order to operationalise the various elements of the package for the targeted beneficiaries,</p>	<p>Successful organization of conference on RE/CE</p>	<p>Closed</p>	<p>Circular Economy</p>

					necessary clarifications and understanding is required, through interpretation of the details by the domain experts.			
23	E	16-12-2021	Webinar on Operationalisation of Telecom Reforms 2.0 Way Forward	ITU-APT Foundation of India organised a webinar on Webinar on Operationalisation of Telecom Reforms 2.0 Way Forward	<p>Telecom Reforms 2.0 to bailout the stressed and sinking telecom services sector by the central government, rightly termed as a bold “Atal Moment” equating the relief package with what was done in 1999 under the “New Telecom Policy-99”. The package, which was needed to help the telecom operators for their liquidity crunch, provided a moratorium for statutory and regulator payments for short term as well as objectively streamlined the AGR definition, the root-cause of everlasting litigation. The reforms also envisaged a number of long term concessions and reliefs as a part of this generous and much needed relief, including a reduction in the entry fees and bank guarantees (BGs) for operating licences, enhancing the FDI limit under Automatic route in Telecom services to 100%, rationalisation of Spectrum Usage Charge (SUC), etc.</p> <p>In order to operationalise the various elements of the package for the targeted beneficiaries, necessary clarifications and understanding is required, through interpretation of the details by the domain experts.</p>	N/A	Closed	ICT
24	E	17-12-2021	IEEE Conference on IoT for Rural Health Care 2021 (CIRH-2021) from December 16-18, 2021	VFSTR (Deemed to be University), Guntur, India organized an IEEE conference on “IoT for Rural Healthcare 2021” (CIRH-	IEEE organised a 3-day workshop on IoT for Rural Health Care. The main objective of the conference was to bring together outstanding young engineers from industry, academia and Research and Development (R&D) organizations to discuss pioneering technical work and leading-edge	N/A	Closed	ICT/E-Health

				2021) during December 16-18, 2021.	<p>research in IoT applications in healthcare and its allied areas like medical devices, networking, telemedicine and also areas like Electronics, Communication, Biomedical and Computational systems.</p> <p>SESEI was invited as an esteemed speaker to give perspective on EU policies and standardisation work on IoT for Health. During the presentation SESEI Provided overview about</p> <ul style="list-style-type: none"> <li>- About Project SESEI</li> <li>- e-Health, Role of Standards &amp; Technology in Healthcare</li> <li>- Policy and Standardization work around healthcare (e-Health) both in Europe &amp; India</li> </ul>			
25	E	17-12-2021	Webinar on SATELLITE GROUND SEGMENT IN INDIA - WAY FORWARD	<p>TSDSI is partnered with IEEE-SA &amp; Satcom Industry Association (SIA-India) to organise a workshop on Standardization in Satellite Ground Segment as part of "SIA-India Virtual Conference on Satellite Ground Segment in India - Way forward" on 17th December 2021, wherein discussion on standards development activities in context of Satellite Ground Segment were presented.</p>	<p>During the webinar Panel discussion was held on</p> <ul style="list-style-type: none"> <li>- <b>Satellite Ground Segment Technologies:</b> The underlying technology, Multi-frequency operations including optical, Software-defined networking, virtualization, Standardization vs Innovation, Manufacturing and collaborations, Cloudification, Security etc.</li> <li>- <b>Panel Discussion 2:</b> Satellite Ground Segment Business Economics Pricing models, Business drivers, Operational models (Captive vs shared use vs Uberization vs Owning fleet of GS), Regulatory hurdles and case study of international best practice</li> </ul>	N/A	Closed	ICT
26	E	17-12-2021	Workshop on "Vehicular Communication	IIIT-Delhi organized an international workshop on "Vehicular Communication	The aim of this workshop was to bring together Indian and international experts in vehicular communication and allied areas to deliberate,	N/A	Closed	Mobility

			Technology Evolution towards 6G"	Technology Evolution towards 6G", sponsored by The SPARC project, Ministry of Education, Govt. of India, technically supported by IEEE Communication Society-Delhi Chapter and co-hosted by CoE-LiFi and Wirocomm Research Group.	<p>explore and present technical talks on the state-of-the-art development of inter-vehicular (V2V) and vehicular to infrastructure (V2I) communication systems for different areas of applications such as road safety, autonomous vehicles deployment, electrical and hybrid vehicles etc.</p> <p>Topics of interest included:</p> <ul style="list-style-type: none"> <li>- Vehicle-to-vehicle communications for 6G</li> <li>- Security and privacy in internet of vehicles</li> <li>- Wireless transmission and multiple access</li> <li>- Vehicle-to-roadside communications</li> <li>- Communication architecture and systems</li> <li>- Resource management, sharing, and allocation for V2V communication</li> <li>- Channel modelling, modulation, and coding</li> <li>- Traffic management and flow optimization techniques, etc..</li> </ul>			
27	E	23-12-2021	Made in India for the World – BIS Contribution to International Standardization' Workshop scheduled on 23 Dec 2021	BIS organized a workshop on " Made in India for the World – BIS Contribution to International Standardization"	<p>A virtual workshop on the topic 'Made in India for the World – BIS Contribution to International Standardization' was held on 23 Dec 2021, to create awareness amongst the stakeholders on the significance of international standardization and the contributions made by BIS thereto.</p> <p>The target audience/ participants of the workshop were Indian experts participating under International Electrotechnical Commission (IEC) and International Organization for Standardization (ISO) in different capacities, and members of National Mirror Committees willing to orient themselves for international standardization.</p> <p>The workshop comprised of sessions on</p>	N/A	Closed	Generic

					International standardization, BIS' Journey with IEC and ISO and overview of Secretariats and Projects managed by India. It also had a panel discussion to discuss challenges and opportunities for enhancing participation in international standardization, for which eminent delegates were invited.			
28	M	23-12-2021	Meeting 7 of LITD 35 AAL Sectional Committee	The LITD 35 Sectional Committee on Active Assisted Living is currently working on finalisation of standards for the 'Accessibility for ICT Products and Services. Continuous meetings of the sectional committee are being held for discussion on the standards being drafted which are based on EN 301549. SESEI is a member of the sectional committee and promoting adoption of the EN standard.	The main highlights of the meeting are <b>-DRAFT STANDARDS FOR APPROVAL FOR FINALIZATION</b> 3.1 Document Number- LITD 35(18478): 'Accessibility for ICT Products and Services, Part 2: Determination of Conformance' has been circulated as WC-draft on 24 November 2021. The last date for receiving comments is 24 December 2021. No comments have been received on this WC draft. The committee may approve the document for finalization and publication as Indian Standard	Successful adoption/impl ementation of EN 301549 in India	Closed	ICT
29	M	01-11-2021	Meeting No. 10 of LITD 35/P1 of Bureau of Indian Standards	Accessibility for ICT Products and Services, Part 2 Conformance	The Panel 1 of the LITD is meeting frequently to finalise the draft standards for accessibility for ICT Products. The working draft of the standard is being discussed by the panel. of Developments on the working draft- " Accessibility for ICT Products and Services, Part 2 Conformance". The main agenda of the meeting was that the working draft (WD) of the standard 'Accessibility requirements for ICT products and services, Part 2: Determinants of Conformance' was circulated to be discussed	Continue working with BIS on this topic	Closed	ICT



					during the meeting. SESEI expert provided its input and suggestion to the draft.			
30	M	08-11-2021	LITD35/A-2.6: Joint Meeting of LITD 35 AAL Sectional Committee and LITD 35/P1 Panel	The LITD Panel 35 is working towards finalisation of the standards for the accessibility of the ICT Products, which is being done in two parts. A joint meeting of the Panel 1 and Panel 2 was held for finalisation of the comments received.	<p>SESEI is an active member of this sectional committee and is working closely for finalisation of the accessibility standards which is based on the EN 301549. As per the feedback received from the various members of the drafting / sectional committee the draft standard is being discussed. SESEI post reviewing all the feedback received, provided detailed comments on the draft standard. Comments provided by SESEI are as under;</p> <p>1. We shall try to keep the Annexure C of EN 301 549, which is Annexure 1 in Part-2 draft same as it is in EN 301 549 and importantly with Pre-Conditions and Result as part of Type of assessment as it will help:</p> <p>a. Industry to check the qualifying criteria as applicable for their product category and associated result/outcome with it.</p> <p>b. Simplify updating our Indian standard with future updates/upgrades of EN 301 549 such as V4.0/4.1 briefed by ETSI TC Chair in our call addressing Services/Devices etc, which will also address/update the next updates of WCAG appropriately as well.</p> <p>c. Keeping the same structure as it is Annexure C with links to WCAG success criteria is a better option as part of our Indian Standard because future updates of EN will address next releases of WCAGs and for an Industry user it is better to click those links with latest revision of applicable success criteria and comply with it.</p>	Continue work with LITD 35 for successful implementation of EN 301549	Closed	ICT

				<p>d. As far as additional test specific to Indian requirements are concerned such as test criteria around applicable Indian Languages, we could still explore creating a separate annexure for those conditions and create a similar test criterion as done for Annexure C while keeping the Annexure C same as it is in EN 301 549. This way, it will be easy for Industry to determine the additional test criteria on top of EN 301 549 and it will also be easy for future updates of Indian requirements with latest developments of EN 301 549. Just in case if it is late to be considered in view of time limitation, we could surely add these as part of Annexure C as additional test case scenario as well – clear identification of these additional test cases will help overall.</p> <p>2. As you also know, EN 301 549 is completely product neutral and only captures categories and not any specific Hardware, Software, we shall also keep the same situation/criteria with our Indian Standard as Industry will determine of its own from these categories, which test criteria/category they fall into and shall comply with it accordingly. If we try to include any specific Hardware or Software even if as a case study or as an example, it may cause confusion instead of extending help to Industry as it may land up in a situation, why not other product, is my product applicable for this standard compliance, what all clauses are applicable for me etc.</p> <p>3. We shall also avoid referring tools as part of this</p>			
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					<p>standard considering their possible copyright/trademark concerns.</p> <p>With above, we could or may still consider merging part 2 (annexure C and additional Annexure for Indian Test Cases etc.) with part 1 even at this stage and send the consolidated draft again for Wide Circulation as this will address our tight timelines as anyhow Part 2 will have to go for Wide Circulation at some stage. Merging it with Part – 1 will also help addressing the issue of duplicates, repeating normative/informative again and avoid possible misunderstanding as everything is well captured and defined already in Part 1. In case if committee decides to continue releasing it as Part-2, we shall still address the item 1, 2 and 3 above as part of Part-2.</p>			
31	M	08-11-2021	Query & Discussion around EN 301 549 implementation worldwide	<p>Team members from BIS/CDAC drafting the Part 2 Determination of Conformity standard on “Accessibility requirements suitable for public procurement of ICT products and services” under the leadership of CDAC have few queries around implementation/compliance of this standard worldwide.</p>	<p>On the request of the BIS /CDAC drafting committee, SESEI along with Dr. Nimiritha Narsimhan and Karishma Chhabra from Microsoft organised conference call meeting and brainstorming session with the global experts to understand and get more insight into the implementation of EN 301549, best practices from different parts of the world.</p> <p>Ms. Laura Ruby and Ms. Ann Marie Rohaly from Microsoft Accessibility team, and chairman of ETSI TC responsible for this standard joined the meeting to provide clarity and sharing of knowledge on the implementation of the Accessibility standards for ICT Products.</p>	Continue work with LITD 35 for successful implementation of EN 301549	Closed	ICT

32	M	09-11-2021	Preparatory call for the proposed standard webinar on REI/ CE	European Union's Resource Efficiency Initiative (EU-REI) for India along with CEN-CENELEC through its Project SESEI are planning to hold a Webinar session on the topic of "Circular Efficiency (CE) & Resource Efficiency (RE) – Standards & Policy Prospective" in the month of January 2022. During the webinar, we plan to exchange update on this topic of CE/RE covering both Policy and Standards.	SESEI, CEN-CENELEC, SIS and GIZ team will be meeting periodically for conceptualisation and organisation of this proposed webinar on the Resource Efficiency and Circular Economy. During the meeting, discussion was held on - proposed Topics for the session - Proposed speakers - Organisations to be approached for supporting the event - List of action items was prepared between the organising members	Successful organize of webinar	Closed	RE/CE
33	E	09-11-2021	India-UK Partnership Programme: Secure Design Workshop	Third in a series of six on Secure Design	India-UK Future Telecom Partnership Programme would explore opportunities for companies and universities to collaborate on joint research and innovation projects to meet the requirements for future telecom networks. Supported by UKRI India, CSA Catapult has partnered with Finovista and Unconventional Connections to create this India-UK Partnership Programme consisting of 4 phases that run from Sep 2021 to Mar 2022. This online workshop was the third in a series of six and discussed Secure Design: developing techniques, components and technologies that mitigate the threat of cyberattacks and encryption compromises.	N/A	Closed	ICT
34	M	09-11-2021	India-EU ICT Standards Project - Operational Meeting	India - EU ICT Standard Project scheduled periodic operational meetings to discuss the status of the	The Meeting was attended by Officials from ETSI, EU delegation to India, SESEI, EU - India ICT Project, TSDSI, Danish Management. Summary of Discussion is as under:	N/A	Closed	ICT

				<p>action items agreed previously an also decide on the new actions to be taken by the Project.</p>	<ol style="list-style-type: none"> <li>1. Discussion on proposals submitted by Project team</li> <li>2. Discussion on proposals submitted by TSDSI Members for project support</li> <li>3. Discussion on proposal submitted by ETSI for project support</li> <li>4. Next Steps and updates</li> </ol> <p><b>Discussion on proposals submitted by Project team:</b> AS shared the progress on the four webinar proposals (P3, P4, P5 and P6) floated by the project team. A planning meeting was organized with Roland Hechwartner (oneM2M TP Chair) on 29 Oct 2021 along with TSDSI and oneM2M experts from Orange, France. All proposed webinar topics have been approved and can be carried out. In the next step Roland will coordinate with his colleagues from ETSI, Orange, Deutsche Telekom and Telecom Italia Mobile (TIM) and suggest alternative dates for the four webinars considering oneM2M events. In a further step suggested dates for the webinars need to be aligned with the busy TSDSI calendar.</p> <p>AS updated the project stakeholders on the progress on two approved proposals (T1 and T2) from IIIT H in the last operational meeting. A meeting was organized with IIIT H team on 8 October 2021 and further details have been solicited from IIITH to continue internal planning (e.g., approval for financing requests) and to start implementation. Because colleagues from IIIT H have been sick and were on leave, there is some delay (IIIT H information from 8 November 2021).</p>			
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					<p><b>Discussion on proposals submitted by TSDSI which were not approved or to be discussed further:</b> TSDSI requested for final comments from ETSI on the TSDSI members activity proposals provided on 23 July 2021 which were not approved so that a consolidated input can be submitted back to the TSDSI members (the applicants). ETSI has agreed to provide the short comments by 19 Nov 2021 considering the three revised activity proposals (T3, T5, T16) received from TSDSI on 9 November 2021.</p> <p><b>Discussion on proposal submitted by ETSI for project support:</b> AS also reminded TSDSI for an official response on the proposal by ETSI (E1). TSDSI agreed to send the official confirmation in two days. TSDSI and ETSI further agreed to have a meeting along with TEC to define the scope of the intervention as the milestone zero of the support to be provided by the project.</p> <p><b>Next Steps:</b> It was agreed to have the next operational meeting on 30 Nov 2021 at 10 AM CET / 2.30 PM IST (TBC by TSDSI by 11 Nov 2021), and a suggestion for Friday 17 Dec 2021 for the outstanding Steering Committee Meeting, to be confirmed by all stakeholders by 19 Nov 2021.</p>			
35	M	11-11-2021	GoToMeeting Conference call for - Finalization of White Paper - Evolution of Standards & Policies	Finalization of White Paper - Evolution of Standards & Policies around M2M/IoT and enabling future technologies	SESEI is the Chairman of the Standards Legal & Regulatory Working Group of the IET- Future Tech Panel. The Working Group is having regular meetings for finalisation of the White Paper on - Evolution of Standards & Policies around M2M/IoT	Successful release of White Paper	Closed	ICT

			around M2M/IoT and enabling future technologies: IET SLR WG		and enabling future technologies. The draft White Paper was circulated to all members for their comments and addition to the White Paper. Some of the additions requested were - : Update on UK policy work around Blockchain - : 3GPP NB-IoT, 5G & NB-IOT, M2M Service Provider Draft License Guidelines including highlighting Challenges as part section 10 and recommendation as part of Section 11 -i: Update on TEC, BIS and MoUD work around M2M/IoT and its role in Smart Cities Mission, ongoing activities around it including highlighting Challenges as part section 10 and recommendation as part of Section 11			
36	M	16-11-2021	Second Preparatory call for the proposed standard webinar on REI/ CE	Second meeting of the preparatory group for the standards webinar was held on 16th Nov 2021	The action items agreed during the meeting are as under ; 1) Background Note: Reva: Thursday 18th Nov 2) Speaker Invite Mailer: Priya/Dinesh -: Thursday 18th Nov 3) Audience Invite Mailer: Priya/Dinesh -: Thursday 18th Nov 4) SESEI logo to be inserted on Agenda: Dinesh 5) Background Banner /Social Media Collateral: Reva and Priya/Dinesh 6) Webinar Promotion through social media: All Parties through their organization 7) Webinar Invitee List consolidation: Consolidation not needed but a common promotion material and Individual Organizations: Priya/Dinesh 8) Finalize Speaker's Calendar availability for Inaugural Session	Successful organize of webinar	Closed	RE/CE

					9) Registration & Webinar Hosting Website: CEN-CENELEC/Jarita to check and confirm.			
37	M	16-11-2021	Virtual meeting of Consultative Committee for adoption of oneM2M Release 3 specifications	Virtual meeting of Consultative Committee (CC) for adoption of oneM2M Release 3 specifications	<p>oneM2M Release 2 specifications (14 TS out of 17, 3 TS have been dropped being outdated) have been adopted as National Standards by TEC. It has taken around eight-nine months of time in deliberating on public comments and finally concluding the recommendations. These National standards are available on TEC website and may be downloaded using link (<a href="https://tec.gov.in/onem2m">https://tec.gov.in/onem2m</a>).</p> <p>The adoption process is based on the standardization guide (available on <a href="https://tec.gov.in/standards-adoption-policy">https://tec.gov.in/standards-adoption-policy</a>).</p> <p>Highlights of the discussions and actions items discussed during the meeting are as under;</p> <p>DDG (IoT) requested Mr. Aurindam Bhattacharya, C-DOT to give a brief presentation about the features of oneM2M Release 3 specifications and the difference in features of oneM2M Release 2, 3 and 4 also. Mr. Aurindam Bhattacharya, C-DOT presented the same.</p> <p>5. Mr. Aurindam Bhattacharya, C-DOT described in detail -</p> <ol style="list-style-type: none"> <li>a. The differences between oneM2M Release 2 and Release 3</li> <li>b. oneM2M feature summary by Release (1 to 4)</li> <li>c. Release 2A is an updated version of Release 2 with following additions/ modifications: <ol style="list-style-type: none"> <li>(i) Home domain enablement</li> <li>(ii) Industrial domain enablement</li> <li>(iii) Semantic interoperability</li> <li>(iv) Dynamic authorizations and end to end</li> </ol> </li> </ol>	Continue working with TEC on adoption of oneM2M Release 3 specifications	Closed	ICT



					<p>security</p> <p>(v) oneM2M as generic interworking network</p> <p>(vi) Application developer APIs &amp; guidelines</p> <p>d. Common Service Functions (CSFs) in oneM2M architecture</p> <p>e. Updated and new Technical Specifications in oneM2M Release 3</p> <p>f. Interworking/ collaboration of oneM2M with 3GPP, ETSI, OCF, AllJoyn, ITU, AIoT etc.</p> <p>6. DDG (IoT) requested Mr. Vijay Madan, TSDSI to ask OCF to showcase OCF interworking with oneM2M, with the help of C-DOT.</p> <p>7. DDG (IoT) requested all the members to peruse the oneM2M Release 3 specifications (<a href="https://www.tec.gov.in/pdf/Whatsnew/Notice_comments_OneM2M%20Rel3.pdf">https://www.tec.gov.in/pdf/Whatsnew/Notice_comments_OneM2M%20Rel3.pdf</a>) and communicate to TSDSI in case of any issue. Mr. Dinesh Sharma, SESEI said that changes can't be made in these releases which have been already published, however they may be accommodated in the future releases.</p>			
38	E	18-11-2021	Data Centre India 2021	<p>Bharat Exhibitions organized the 8th edition of their industry flagship event – Data Centre India 2021</p>	<p>Driven by growth in digitalisation, rising cloud adoption and ambitious growth plans of operators, India's data centre industry is expected to double capacity and cross the 1GW mark by 2023. The conference was a dynamic forum for senior executives of leading enterprises to understand and formulate strategies to enhance their data centre infrastructure in line with business needs.</p> <p>The new data centre policy which is being finalized by the government will also play a big part in setting up a national framework aimed at</p>	N/A	Closed	ICT

					attracting more investment through simplified rules and improved ease of doing business. Making India a Global Data Centre hub, promote investment in the sector, propel digital economy growth, enable provisioning of trusted hosting infrastructure to fulfil the growing demand of the country and facilitate state of the art service delivery to citizens. The government is formulating a scheme to incentivize investments to set-up hyper scale data centers in India and boost the capacity of the existing data centre ecosystem, besides working on new segments like drones and robotics to develop their manufacturing ecosystem in India.			
39	M	18-11-2021	Finalization of White Paper - Evolution of Standards & Policies around M2M/IoT and enabling future technologies: IET SLR WG	Meeting with the SLR Working Group for finalisation of the White Paper on volution of Standards & Policies around M2M/IoT and enabling future technologies: IET SLR WG.	<p>Comments received from members was discussed in detail and the same were incorporated in the draft White Paper. Members also agreed to add another section to the White Paper on the gap analysis and the challenges and issues concerning the Policy Challenges on M2M Service Provider Guidelines issued by DoT recently. SESEI thanked all the members for their inputs and support. Copy of agreed text for “Section 10 on Policy &amp; Standardization Challenges” was circulated to all members.</p> <p>Mr. Aurindam Bhattacharya and SESEI finalized text on Application Service provider. SESEI also worked on the Executive Summary, Introduction &amp; final editorial updates, post which it was submitted to IET for their review, approval by the panel members.</p>	Successful release of White Paper	Closed	ICT

40	E	19-11-2021	Virtual Interactive discussions for drafting 6G (IMT-2030) vision document for ITU-R WP5D 40th Meeting in Feb 22.	Interactive discussion for drafting the 6G (IMT-2030) vision document for an input to the ITU-R WP5D 40th Meeting on Feb 22.	<p>ITU-R WP5D is presently developing a new Recommendation to define the framework and overall objectives of the development of 6G/IMT for 2030 and beyond so as to better serve the needs of the networked society, for both developed and developing countries in the future.</p> <p>ITU-APT Foundation of India (IAFI) had earlier submitted an initial contribution for 6G Vision to WP5D 38th meeting ( WP5D/638). The current ITU-R working document on the proposed 6G vision was circulated to the members for discussion during the meeting. During the meeting these documents were reviewed and suggestion for way forward was sought for finalisation of the vision document.</p>	N/A	Closed	ICT
41	M	22-11-2021	Meeting with Babette Desfossez Trade & Investment Commissioner Embassy of Belgium	SESEI held a meeting with Ms. Babette Desfossez, Trade & Investment Commissioner, Embassy of Belgium in India	Ms. Babette Desfossez, Trade & Investment Commissioner, Embassy of Belgium in India requested a meeting with SESEI to discuss issues related to mandatory registration and certification of Products with BIS	Continue working with Embassy of Belgium in India, on topics of mutual interest	Closed	Generic
42	M	22-11-2021	Preparatory call for the proposed standard webinar on REI/ CE	Conference call meeting with GIZ, SIS, CEN CENELEC and SESEI on the organisation of the proposed webinar on REI / CE standards under the purview of European Union's Resource Efficiency Initiative (EU-REI) for India	The action items were discussed during the meeting, and it was agreed that a background Concept note will be prepared by GIZ, based on which other promotional material and letter for invitation will be drafted. The team is already working on a high-level agenda	Successful organization of webinar	Closed	RE/CE

43	E	23-11-2021 24-11-2021	7th Edition of the India Satcom	India SatCom 2021, the 7th edition of BIF's annual flagship event.	<p>India SatCom 2021 had participation from all vital stakeholder groups, including relevant Ministries and Departments of the Government, concerned Space Agencies, Technology solutions providers, allied sector representatives, and from the leading global and national players in the satcom vertical. The eminent speakers shared their views on the immense potential of satcom to augment the Digital Communications Infrastructure and Ecosystem in the country, and how it may be leveraged to help realise the national goal of 'Broadband for All', leading to a 'Digital India'. They further deliberated on various technological solutions, business models and other critical policy and regulatory measures needed to bring Satcom into the mainstream, reduce cost, improve ease of doing business, and bring about more collaboration between the private and public sector, to enhance growth along with investment opportunities in this vital domain.</p> <p>With a flurry of government measures on the policy as well as regulatory fronts in the recent times, Satcom in India is well on its way to establish itself as a cost-effective means to achieve the goals and aspirations of a Digital Economy. Post the landmark announcement by the Hon'ble Finance Minister of India in May last year to open up the sector for increased private participation and involvement as part of the First set of Economic Stimulus Packages during the pandemic, a number of enabling and expeditious policy and regulatory measures including the introduction of</p>	N/A	Closed	ICT
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					the draft Spacecom Policy 2020 by the Department of Space (DoS); the new IR specifications released by TEC for Communication & Broadcast Networks for FSS/BSS; the landmark DCC approval which permitted use of Satcom for Cellular and Wi-Fi backhaul and TRAI's forward-looking recommendations on "Licensing Framework for Satellite based connectivity for low bit rate applications" bear testimony to this new wave of liberalization in the sector. These measures, along with those on the anvil, are expected to propel exponential growth in the sector and position satcom as a mainstream option along with terrestrial technologies to deliver Broadband to All.			
44	M	23-11-2021	Virtual meeting of working group on Smart Grid	Draft document on "IoT and 5G applications in Smart Grid" was circulated to all members along with the minutes of the previous meetings and comments received from various members.	ETSI TR 102 935 V2.1.1 (2012-09) on Machine-to-Machine communications (M2M); Applicability of M2M architecture to Smart Grid Networks; Impact of Smart Grids on M2M platform was circulated to all members for their review and comments. DDG IoT sought comments from the members based on the ETSI Document.	Continue working with TEC on this subject	Closed	Electrical Equipment including Consumer Electronics
45	E	23-11-2021	India-UK Partnership Programme: High Density Urban Deployment Workshop	India-UK Partnership Programme: High Density Urban Deployment Workshop	India-UK Future Telecom Partnership Programme would explore opportunities for companies and universities to collaborate on joint research and innovation projects to meet the requirements for future telecom networks. Supported by UKRI India, CSA Catapult has partnered with Finovista and Unconventional Connections to create this India-UK Partnership Programme consisting of 4 phases that run from Sep 2021 to Mar 2022. This online workshop was the fourth in a series of six and discussed High Density Urban Deployment:	N/A	Closed	ICT

					developing cost-effective components, systems and architectures to support increasing levels of data in dense environments. SESEI provided its input during the call.			
46	E	23-11-2021	Live-streamed webinar from the Finnish Embassy on Finnish packaging innovation	A webinar with some of the companies leading the development on the packaging side was organised in a live-streamed broadcast from the Finnish Embassy in Stockholm.	Finnish innovation power is world famous, in telecom, design, mechanics and food as well as forest, paper and fibre, where the foundation has been laid for many internationally successful companies. Not least within the packaging area. The Webinar focused on ; <ul style="list-style-type: none"> <li>- The broad range of smart and sustainable packaging solutions from Pyroll Packaging;</li> <li>- The gastight board tray solution for sustainable food industry, from Jospak;</li> <li>- The smart plastic free tape for multiple purpose from Lemtapes; intelligent transport packaging solutions, sold worldwide from Eltete;</li> <li>- innovative and sustainable EGPTM preprinting services from Marvaco as well as</li> <li>- the renewable, recyclable &amp; reusable alternative to plastic-material in packaging, from Paptic, a category of its own.</li> </ul>	N/A	Closed	Circular Economy
47	M	23-11-2021	Introductory Meeting with Col. Ali Akhtar Jafri (Retd.) Dy. CEO, MAIT	Col. Ali Akhtar Jafri (Retd.) has joined MAIT as Dy. CEO w.e.f. 15th November 2021. He is an Army veteran with 23+ years of rich experience in Grant management, execution of CSR projects, Fiduciary functions, Project management and Government relations.	A meeting was organised between SESEI and the new Dy. Co MAIT. SESEI used this opportunity to provide Overview ad status update on the Project SESEI. SESEI also discussed the certification and registration related issues (CRO/CRS) with BIS. Also asked Mr. Jafri to work on EoDB activities such as allowing foreign labs to be recognised to carry out CRO/CRS testing in their labs. MTCTE shall be simplified like CRO/CRS with report acceptance from global Labs etc.	N/A	Closed	Generic

48	E	24-11-2021	GoToWebinar - Certification of Green Hydrogen	Indo-German Chamber of Commerce in collaboration with the Indo-German Energy Forum organized a virtual knowledge session on "Certification of Green Hydrogen	To give insights into the certification and EU import requirements for green hydrogen. Experts from Germany provided an extensive overview of the status quo in certification systems for green hydrogen in the European Union as well as globally. The panel also discussed measures for an EU-wide certification system for green hydrogen. The main topics during the webinar were <b>EU certification frameworks - Sustainability criteria for green hydrogen</b> <b>Green hydrogen Trading in Europe: Opportunities and requirements</b> <b>Certification of green hydrogen – state of the art insights</b>	N/A	Closed	Generic
49	M	24-11-2021	Virtual meeting for "Finalizing IoT / ICT standards for Smart cities"	Virtual Meeting for finalisation of the IoT/ ICT standards for Smart Cities" was organised by TEC	Updated draft document, Minutes of the previous meetings and the comments received from the Working Group Members was discussed during the meeting.  The draft document is near completion, and it includes EU work submitted by SESEI expert.	Continue working with TEC	Closed	Smart cities
50	E	24-11-2021	Discussion for the Workshop titled "Enabling Access and Opportunities with Hybrid Learning"	Discussion for the Workshop titled "Enabling Access and Opportunities with Hybrid Learning"	SESEI participated in the preparatory meeting for the Workshop/ Webinar on "Enabling Access and Opportunities with Hybrid Learning" organised by BIF during the IIGF. The main key points and take away from the meeting were discussed by the group. SESEI is the Co-Chair of the BIF's Committee on 'ICT for Inclusive Ability (PwDs) and was an integral part of the session building / conceptualisation committee.	Successful organize of the Workshop/ Webinar on "Enabling Access and Opportunities with Hybrid Learning"	Closed	ICT

51	I	25-11-2021	Conference call with CEN-CENELEC on pending action items	SESEI requested for a meeting with the Ms. Christi Jarita to discuss pending actions items. B	<p>BIS and CEN CENELEC MoU has been approved and has been sent for signing. SESEI and Ms. Jarita also discussed possible communication plan for announcement of the signing of MoU. The other items discussed during the meeting are</p> <ul style="list-style-type: none"> <li>• MoU Signature – Comms</li> <li>• Copyright agreement for sharing Services Standards with BIS</li> <li>• EN 115 temp license agreement renewal and possible inclusion of EN-81 series in it</li> <li>• License Agreement for BIS post MoU closure</li> <li>• Meeting mailer to RDSO</li> <li>• Webinar of Circular Economy with EU-REI</li> <li>• Next Coordination call with BIS</li> <li>• Other Pending action items from last Priority India call and how to handle moving forward</li> </ul>	Follow up on action items	Closed	Generic
52	E	26-11-2021	Broadband India Forum along with the IIGF organised a WORKSHOP on “Enabling Access and Opportunities with Hybrid Learning”	SESEI is the Co-Chair of the BIF’s Committee on ‘ICT for Inclusive Ability (PwDs). Through this Forum SESEI is working towards promotion and adoption of EN 301549. BIF Organised a webinar on “Enabling Access and Opportunities with Hybrid Learning”	<p>SESEI was part of the program committee and worked on the conceptualisation and background note for the workshop. The main objective of the webinar was to increase awareness and engage the stakeholders on the need to have standards and policy which are inclusive for people with disabilities and to ensure that the future ICT technologies and products will enable the access and opportunities with Hybrid learning for the (PwDs).</p> <p>SESEI, summarised the webinar and the key takeaways at the end of the webinar and also gave a formal vote of thanks.</p>	N/A	Closed	ICT
53	E	26-11-2021	29th CII National Quality Summit 2021 Quality Next: Raising	CII Institute of Quality (CII IQ) is organizing the 29th edition of its flagship event	The CII National Quality Summit is an annual program conducted by CII in realm of Quality which translates into right policies and standards. SESEI is	N/A	Closed	Generic



			Standards, Leveraging Innovation & Driving Excellence	the CII National Quality Summit 2021 from 26-27 November 2021.	<p>always invited as a speaker for the summit and the project ensures availability of international speakers for such an event. However this year SESEI Could not attend the event as a speaker. SESEI attended the <b>Session – 4 on Digital Technologies – Impacting quality of Lives &amp; Livelihood</b></p> <p>This session brought forth the perspectives of leaders from different sectors on future developments of digital technologies and their impact on Quality of Lives &amp; Livelihood and guiding us to align the quality road map in line with the growing consumer and market expectations.</p>			
54	M	29-11-2021	Meeting with International Relations Department (IRD) at BIS	Discuss Pending Action Items	<p>Following items were discussed and way forward agreed:</p> <ul style="list-style-type: none"> <li>- BIS pending response to Foreign Lab registration Scheme</li> <li>- CEN-CENELEC-BIS MoU</li> <li>- ETSI-BIS MoU</li> <li>- Workshop/Webinar on Circular Economy</li> <li>- Collaboration Call with CEN-CENELEC</li> <li>- License Agreement</li> <li>- EN-115 &amp; EN-81 adoption</li> <li>- Copyright agreement for Services Standards</li> </ul>	Continue working with BIS	Closed	Generic
55	M	29-11-2021	12th meeting of Interconnection and Information exchange among IT equipment and Systems Sectional Committee, LITD 13 in joint session with	12th meeting of Interconnection and Information exchange among IT equipment and Systems Sectional Committee, LITD 13 in joint session with 13th meeting of	<p>The agenda for the meeting is as under;</p> <ol style="list-style-type: none"> <li>1. Composition of Sectional Committee / Panel</li> <li>2. PRESENT SCOPE AND TECHNICAL WORK PROGRAMME OF THE COMMITTEE</li> <li>3.1 Title: Interconnection and Information exchange among IT equipment and systems</li> </ol> <p>Scope: Standardization in the field of:</p> <ol style="list-style-type: none"> <li>a) Computer communication networks and</li> </ol>	Continue work with this technical committee of BIS	Closed	Electrical Equipments including Consumer Electronics

			13th meeting of panel for mobile phone LITD 13/ P1.	panel for mobile phone LITD 13/ P1.	<p>interfaces to these computer Communication networks including microprocessor systems, interfaces, Protocols and associated interconnecting media for IT equipment and networks.</p> <p>b) Home and building electronic systems in residential and commercial environments to support interworking devices (IoT-related) and applications such as energy management, environmental control, lighting, and security.</p> <p>c) Telecommunications dealing with Information exchange between IT/ICT systems encompassing protocols and services of network layers</p> <p>4. REVIEW / REAFFIRMATION OF PUBLISHED INDIAN STANDARDS</p> <p>4.1 SECOND REVISION OF IS 16333 (PART 3): 2017 "MOBILE PHONE HANDSETS PART 3 INDIAN LANGUAGE SUPPORT FOR MOBILE PHONE HANDSETS — SPECIFIC REQUIREMENTS (First Revision)"</p>			
56	E	30-11-2021	E-launch of Report- A Critical Review of Smart Charging Strategies and Technologies for Electric Vehicles	GIZ organised a webinar on A Critical Review: Smart Charging Strategies and Technologies for Electric Vehicles Simulation-based study to evaluate the effects of E-mobility smart charging strategies	<p>The event focused on importance of smart charging in India wherein the experts discussed on critical aspects related to EV charging such as impact of EVs into the power system and power grid: challenges and opportunities, and the relevance of smart charging to solve such challenges and bring benefits at large.</p> <p>During webinar a report titled "A Critical Review: Smart Charging Strategies and Technologies for Electric Vehicles" was released. this report is prepared by Fraunhofer-Institute for Energy Economics and Energy System Technology IEE,</p>	N/A	Closed	Smart Mobility

					Kassel in collaboration with Indian Institute of Technology, Bombay (IITB), Technical University of Denmark (DTU), and Universidad Pontificia Comillas (IIT Comillas), and Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) India, as a part of the Nationally Determined Contributions - Transport Initiative for Asia (NDC-TIA) initiative.			
57	M	30-11-2021	India-EU Project - Invitation Operational Meeting	The periodic meeting of the India-EU Project was held to “Discuss actual status of approved activities and received comments on other activities”	During the call Project proposals were discussed, few are agreed to move forward and for few more discussion is needed.	N/A	Closed	ICT
58	M	01-10-2021	LITD35/A-2.5: Fifth Meeting of the LITD 35 Active Assisted living Sectional Committee	Meeting 5 of LITD 35 AAL Sectional Committee Hosted by LITD, Bureau of Indian Standards.	<p>This sectional committee is working on the standards for Accessibility for ICT Products and Services. SESEI is a member of the sectional committee working towards adoption of EN301549. The main agenda for the meeting was: DRAFT STANDARDS FOR APPROVAL FOR WIDECIRCULATION</p> <p>1. Document Number- LITD 35(17829): The draft standard- ‘Accessibility for ICT Products and Services, Part 1: Requirements’ has been circulated as p-draft on 30 July 2021. The comments received from the Office of Chief Commissioner of Persons with Disabilities and the Members of LITD 35 were circulated prior to the meeting and discussed for approval during the meeting</p> <p>2. Dr Subramanian, Convenor of LITD 35/P1 panel to present the proposed resolution on the comments received.</p> <p>3. The committee may review and approve the</p>	Continue work with LITD 35 for successful implementation of EN 301549	Closed	ICT

					<p>resolutions. The committee may also approve the document for issuing under Wide circulation.</p> <p>DRAFT STANDARDS FOR APPROVAL FOR P-DRAFT CIRCULATION</p> <p>1. Dr Subramanian, Convenor of LITD 35/P1 Panel presented the working draft - "Accessibility for ICT Products and Services, Part-2 Conformance".</p> <p>2. The committee reviewed the same for approval and for circulation as p-draft</p>			
59	I	01-10-2021	India EU ICT Project - Operational Meeting	Periodic meeting of the India EU ICT Project	<p>During the meeting following agenda items were discussed and way forward decided.</p> <p>1. Discussion on proposals submitted by TSDSI Members for project support</p> <p>2. Discussion on proposal submitted by ETSI for project support</p> <p>SESEI Participate during these operational meetings for technical synergy.</p>	N/A	Closed	ICT
60	M	01-10-2021	Virtual Meeting with Mr. Peter Stephens, Head of Secure by Design, Cyber Security, Department for Digital, Culture, Media and Sport along with TEC Officials	Status of EN 303 645 adoption in India and its legislative framework: Exchange of UK activities around it with TEC	<p>During the last meeting held with DCMS exchange was held on the IoT security and security related standards in UK and India. During the meeting it was agreed that as next steps, SESEI will connect DCMS with TEC and set up a conversation with officials of Dept for Telecommunications to understand their appetite in converting the Code of Practice into more enactable legislation. TEC IoT officials also joined the meeting for understanding and sharing of experience on the converting the Code of Practice (and ETSI EN 303 645) into enactable and proportionate legislation and agreed to hold a joint webinar at a suitable date/time.</p>	Continue work with TEC and DCMS, UK on this topic	Open	Security
61	M	05-10-2021	23rd meeting of the Smart Infrastructure	The 23rd meeting of the Smart Infrastructure	The LITDC (parent committee of LITD 28) appointed Dr Inder Gopal, Research professor, IISc Bangalore as Chairman of LITD 28.	Continue work with LITD 28 of BIS and	Closed	ICT

			Sectional Committee, LITD 28	Sectional Committee, LITD 28 was organized by BIS	<p>Chairman in his opening remarks informed the committee about the meeting between LTID 28 and JS, MOHUA regarding the implementation of the standards published by the committee. He emphasized that the committee should shift their focus to develop implementation guidelines that will help in verifying the compliance with standards already published.</p> <p><b>- LITD 28/P1 - Last mile Communication Protocols:</b> It was decided to adopt IEEE 2857-2021 - IEEE Standard for Wireless Smart Utility Network Field Area Network (FAN) as Indian standard. It was also decided to skip the preliminary draft stage and to directly issue the document (IEEE 2857-2021) wide circulation. Note: Mr Amarjeet to work with MrAurindam Bhattacharya and the Member secretary to re-phrase the paragraph in the national Foreword.</p> <p><b>- LITD 28/P9 - IoT Systems Reference Architecture</b> : It was informed by Mr Aurindam Bhattacharya (Convener of the panel) that he has done some homework regarding developing the implementation guidelines, however, he could not call the meeting to discuss the same with the panel members. He informed that he would initiate the work of implementation guidelines without any delay in coordination with the panel members.</p> <p><b>LITD 28/P12 - Data exchange:</b> = Dr Abhay Sharma informed the committee that the team is presently working on Part 3 of the Data exchange standard (IS 18003 series) i.e., Data Exchange Part 3 API compliance specification. He informed that it would take around 15 months to complete the</p>	promote EU work around this topic		
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					<p>initial work and come up with a matured draft for the standard.</p> <p>It was pointed by the members that the API specifications may also be relevant to the work going on in LITD 10 and the committee recommended the member secretary to share IS 18003 series standards with LITD 10 for their review and identifying the suitability of the standard for smart grid related applications.</p> <p>- Next meeting to be held in the first week of December 2021</p> <p>MoM is available at  <a href="https://www.services.bis.gov.in:8071/tmp/6889_22102021203237_0.pdf">https://www.services.bis.gov.in:8071/tmp/6889_22102021203237_0.pdf</a></p>			
62	M	05-10-2021	TEC: Virtual meeting of Working Group (WG) on "Security by design Principles in M2M device manufacturing and National Trust Center for certification of M2M devices and applications"	TEC held the meeting of the Security by design Principles in M2M device manufacturing and National Trust Center for certification of M2M devices and applications"	<p>The Code of Practice for securing Consumer IoT, report was released by the working Group. All members and their contribution were appreciated by the Chairman of the Working Group.</p> <p>- DDG IoT, TEC also shared a document GUIDELINES FOR SECURING THE INTERNET OF THINGS</p> <p>Secure supply chain for IoT by ENISA (European Union Agency for Cyber Security). As early completion of the entire IoT chain needs to be ensured.</p> <p>- Draft document on National Trust centre was also circulated and discussed amongst the members for finalisation of the same</p> <p>- It may be noted that SESEI is working closely with TEC for adoption and implementation guidelines for Code of Practice and its deployment.</p>	Continue work with TEC and promote EU work around cybersecurity.	Closed	ICT

					- SESEI has been tasked to share EU work around cybersecurity.			
63	M	06-10-2021	Third Working Group Meeting of Cloud Services, SSD 10/WG-1 of BIS	BIS organized 3rd meeting of working group on cloud services	<p>1. The working group requested the member secretary to circulate ISO/IEC 22624 with the members for reviewing of the standard. Further, it was decided the final decision on the adoption of ISO/IEC 22624 would be taken in the next working group meeting.</p> <p>2. The working group decided to close action item of having ETSI presentation on this subject as it will be considered only when Mr. Dinesh Chand Sharma or ETSI representative proposes to have the presentation on ETSI standardization of cloud services.</p> <p>3. During the meeting, the members had a detailed discussion on the MeitY documents related to Cloud services. It was felt that after considering the harmonization with the other sectorial standards on disaster recovery an indigenous standard on 'Disaster Recovery in Cloud Services' can be considered.</p> <p>4. The working group also identified another area of standardization on "Cloud Outage Incident response" and talked about the fact that cloud outage incident response can be a part of the indigenous standard. Also, there was discussion on scope and the service side of it.</p>	Continue work with BIS and promote ETSI work Cloud services	Closed	Services
64	E	07-10-2021	EBG Webinar with Mr Dammu Ravi, IFS, Secretary (Economic Relations), Ministry of External Affairs	A webinar was organised by European Business Group (EBG) on the topic "India-EU Trade & Investments post Porto Summit: The Way Forward."	A fascinating, informative & frank discussion with Mr Dammu Ravi, IFS, Secretary (Economic Relations), Ministry of External Affairs (MEA) and Introductory words on the Topic by Ambassador Anil Wadhwa, IFS (Retd), former Secretary, MEA, Ambassador to Italy and Poland. Informative Q&A	N/A	Closed	Generic

			(MEA), Government of India		session moderated by Raman Sidhu, CEO EBG. The session was opened by Mr Vinod Pandey, Director BMW India, moderated by Mr Raman Sidhu & summed up by Commander M. Asif Makandar (Retd.), Director Terma India.			
65	E	08-10-2021	ITU-APT Webinar on Spectrum	ITU-APT foundation of India (IAFI) organised a webinar on "Telecom Reform Package"	Prof Sridhar, Professor at the International Institute of Information Technology Bangalore and Prof Rohit Prasad, Professor at MDI recently wrote about the recent relief package provided by the government to the ailing telecom sector, including moratorium on Spectrum Usage Charges and other financial measures. The article highlights two other important issues that still need consideration by the Government: (i) Auditing of government spectrum for commercial mobile services and (ii) Revision of reserve prices of all bands of spectrum, especially for the 700 MHz, in the forthcoming spectrum auctions.	N/A	Closed	ICT
66	I	08-10-2021	SESEI Steering Committee Meeting No. SC#05	Steering Committee No. SC#05 was held and Participants of the meeting were - Ms. MARGOT Dor, Mr. Xavier Piednoir, ETSI - Ms. Silvia Vaccaro, Mr. Emilio Davila Gonzalez, EC - Ms. Jarita Christie, Mr. Wim De Kesel, CEN CENELEC - Mr. Dinesh Chand Sharma, Ms. Priya Sawhney, SESEI	The agenda of the Steering Committee Meeting is as under; 1. Project status: presented by Mr. Xavier Piednoir, ETSI • Project administration and management • Budget snapshot 2. SESEI Expert input by Dinesh Chand Sharma • Report on Major Activities • Current Work Programme & Timeline of deliverables 3. Updates from Partners on other relevant India-related initiatives/activities • CEN/CENELEC Priority India • EU-India ICT Project	Follow up action items	Closed	Generic



					<ul style="list-style-type: none"> <li>• InDiCo – ICT Standardisation</li> </ul> <p>4. Exchange between the Partners and SESEI:</p> <ul style="list-style-type: none"> <li>• SESEI Survey: Next Step</li> <li>• Potential no-cost extension of the project</li> <li>• Enhancing visibility of SESEI activities and role within the partner's organization/membership</li> <li>• SESEI – V discussion &amp; Action Plan <ul style="list-style-type: none"> <li>o JPG meeting</li> <li>o DG grow v/s EISMEA</li> <li>o Budget provisions</li> </ul> </li> </ul>			
67	M	08-10-2021	Meeting with CEN-CENELEC and GIZ for discussion on proposed webinars on Standards (CE and REI) for Indian Stakeholders	A meeting with Dr. Rachna Arora of GIZ and her team member along with the CEN-CENLEC officials and SESEI discussed Proposal for holding a joint action/set of webinars on the EU-Indian policy and standard around circular economy collaboration	During the meeting, participants discussed on the strategy to approach Indian stakeholders involved with standardisation / policy and guidelines for Circular Economy and Resource Efficiency. Topics to be discussed during the proposed webinars and the suggested speakers and the suggested dates.	Successful organization of webinar for India.	Open	Circular Economy
68	E	08-10-2021	Mobilogues: Topic 6: E-Mobility Transition in India organised by Ministry of Housing & Urban Affairs, with GIZ and CRDF	The SMART-SUT Mobilogues Series is a part of the National Capacity Building Programme organised by the Ministry of Housing and Urban Affairs (MoHUA), jointly supported by GIZ India and CRDF, CEPT University.	Electric vehicles (EVs) are addressing concerns like GHG emissions, dependency on crude oil, and poor urban air quality. The automotive industry is experiencing a paradigm shift from ICE vehicles to EVs and there are efforts being made among the public and private stakeholders to achieve maturity of this sector. The Mobilogue discussed various aspects of electric mobility (EM) such as EM strategies, E-Bus routes, preparedness assessment for EM in cities, and innovative financial models. It will also discuss India's experience of EV adoption and the existing challenges and opportunities that can strengthen the evolving EV ecosystem.	N/A	Closed	Smart Mobility

69	E	11-10-2021	On the occasion of Inauguration of Indian Space Association (ISpA), a webinar was organised by association on "Opportunities for the Indian Space Industry"	Government of India has launched "Indian Space Association (ISpA)" the premier industry association of space and satellite companies.	<p>The Government as part of the initiative to energize the Space Sector and make India "self-reliant and technologically advanced" had undertaken a historical step of opening Space to private Industry. Also, the Honourable Prime Minister had advised the industry members to have one common body to articulate and advocate their aspirations, consequently Indian Space Association (ISpA) has now been registered.</p> <p>ISpA has been created to be the unified voice of the Indian Private Space industry for policy advocacy as well as to collaborate with all stakeholders in the Indian Space Ecosystem to create an enabling environment for all private stakeholders as well as act as a catalyst to make India a leading player in the global Space arena.</p> <p>During the launch and webinar, speakers from the Space Industry and important players like Defence, ISRO, Minister of Science &amp; Technology addressed the audience on</p> <ul style="list-style-type: none"> <li>- Opportunities for Indian Private Industries to Strengthen India Strategic Space Capability</li> <li>- Significance of Private Sector Involvement in India's Future Space Initiatives</li> <li>- Space Services Potential and Space Ecosystem of India, etc.</li> </ul>	N/A	Closed	ICT
70	M	12-10-2021	DIN/DKE Breakfast Series: China and Standardization.	A short meeting / virtual discussion was initiated by DIN DKE on: The political standardization strategies -	The main aim of the discussion was on to get a quick synopsis of strategies of China, EU and USA on standardisation related activities and initiatives. SESEI attended the session to gain insight into the topic.	N/A	Closed	Generic

				China, USA, EU - in comparison.				
71	E	12-10-2021	6G Workshop: GISFI	Webinar by Aarhus University along with GISFI on the 6G standardisation and research work	The 6G WORKSHOP was organized at the CGC LABORATORY, Department of Business Development and Technology, Aarhus University along with GISFI, SESEI expert attended the session to gain insight into 6G	N/A	Closed	ICT
72	E	12-10-2021	India-UK Future Telecom Partnership Energy Efficient Networks	Catapult, UK organised a webinar / cum conference on the India - UK Future Telecom Partnership on Energy Efficient Networks.	This online workshop is the first in a series of six and will discuss Energy Efficient Networks: developing technologies and systems that support increasing data rates while driving down energy requirements across the network. SESEI participated in the conference to gain information and observe the current thought process of the Indian and UK Telecom Industry on the Telecom issues and Emerging Technologies. SESEI also provided relevant input to their working paper.	N/A	Closed	ICT
73	E	12-10-2021	Seminar on Background of MTCTE and investment opportunities in Telecom & related ICT testing labs due to recent announcement of MTCTE Phase - III and Phase-IV by TEC, organised by TEMA	The Telecom Equipment Manufacturer's Association organised a webinar on the Mandatory Testing and Certification Scheme Phase - III and Phase IV as devised by Telecom Engineering Centre. TEMA also looked at the investment opportunities in Telecom and ICT Related labs in wake of this announcement	TUV Rheinland, a global leader in independent technical services, has announced that its four product testing laboratories located in Bangalore, Gurgaon, Visakhapatnam and Pune have been designated as Conformity Assessment Bodies (CABs) by the Indian Ministry of Communication's Telecommunication Engineering Centre (TEC) to conduct testing under the newly published Phase III and Phase IV Mandatory Testing and Certification of Telecom Equipment (MTCTE) Regulations.  Acceptance of applications on MTCTE portal shall be effective from 11th October, 2021 and the certification of newly added product categories will become mandatory from 1st July, 2022 in stages. It	N/A	Closed	ICT

					is applicable for all Original Equipment Manufacturers (OEMs), Importers and Dealers who sell or import notified telecom equipment in India. Testing is to be conducted by a TEC recognized laboratory and certification is to be obtained from TEC before placing the product in the market. The applicant shall be required to submit test wise compliance along with test reports, in respect of parameters included in Essential Requirements (ERs) from a designated CAB. The test results shall be evaluated for compliance against respective ERs and certificate will be awarded by TEC upon meeting the requirements. Our state-of-the-art TEC designated laboratories are capable of carrying out testing as per MTCTE regulations and can support end-to-end certification process.			
74	E	14-10-2021	World Standards Day 2021 celebrations - participation in the technical sessions -1	Bureau of Indian Standards (BIS), celebrated World Standards Day (WSD) to mark the occasion. This year the theme was ' <b>Our shared vision for a better world</b> ' identified by ISO/IEC/ITU.	SESEI was invited to participate in the Technical Session - I: Standards for Sustainable Communities Session Chair: Shri J R Chowdhury, Dy. Director General (Standardization- I). The main topics of the discussion during the event were <ul style="list-style-type: none"> <li>- Affordable &amp; Clean Energy - Wind Energy</li> <li>- Smart Transportation and Smart Parking for Sustainable Development</li> <li>- Single Use Plastics (including Plastic Waste Management)</li> <li>- ICT Infrastructure for Sustainable Cities</li> <li>- SDGs &amp; Electrotechnical Standards</li> </ul>	N/A	Closed	Generic
75	M	20-10-2021	Standards legal and Regulatory WG call-IET Future Tech Panel	Standards legal and Regulatory WG of the I- IET Future Tech Panel called for a meeting for discussion on the White Paper on IoT,	SESEI is the Chairman of the SLR Working Group and is working along with the members to draft a comprehensive White paper on the emerging technologies IoT, M2M, AI, Blockchain etc. covering all aspects both policy and	Successful release of whitepaper	Open	ICT

				M2M and other emerging Technologies	standardisation.  During the meeting, Whitepaper was discussed, and the chairman requested all the members to give their inputs to finalize the same.			
76	E	21-10-2021	DSCI-CrowdStrike Virtual Session   A Mindset Shift- Reactive to Proactive Cyber organised by Data Security Council of India (DSCI)	Data Security Council of India (DSCI) is a not-for-profit, industry body on data protection in India, setup by NASSCOM®, committed to making the cyberspace safe, secure and trusted by establishing best practices, standards and initiatives in cyber security and privacy. To further its objectives, DSCI engages with governments and their agencies, regulators, industry sectors, industry associations and think tanks for policy advocacy, thought leadership, capacity building and outreach activities.	As a specialist in the response and remediation of large-scale cyber intrusions, the experts in the webinar will discuss the heightened security challenges organizations are facing as they adjust to a remote workforce model. DSCI will also provide guidance on incident response, investigation and remediation in the new reality of remote operations. The session experts for discussion on were  1. Ms. Rama Vedashree, CEO, Data Security Council of India (DSCI) 2. Mr. Ajay Kumar, Regional Head - Cyber Security Services, Asia, CrowdStrike 3. Mr. Ajit Menon, Head - Information Security, Tata Consultancy Services	N/A	Closed	Security
77	M	21-10-2021	Fifth Study Group meeting of Digital Signature	5th Meeting of the Study Group on Digital Signatures of SSD II of BIS was convened on 21-10-2021. SESEI is an important member of this committee and is contributing to the group by providing information and knowledge on the EU /	Highlights of the discussions held during the meeting are as under ; Point of discussion on the Digital Signature. 3.1 Recommendation on the ISO standards i.e; ISO 14533 series and ISO/IEC 20248 (whether they can be adopted as Indian Standards). 3.2 The consolidated report from Mr. Vijay Kumar, eMudhra covering the existing regulations, gap areas and current standards on digital signature	Continue work with this SG of BIS and contribute EU work around this topic	Closed	ICT

				International standards on Digital signatures	and recommendation on ISO 14533 series and ISO/IEC 20248. The study group will discuss further and decide in the matter			
78	E	21-10-2021	The Digital Dialogues (TDD) to release BIF's Study report on 6GHz Co-existence Study	Release of the BIF's study paper on 6GHz Co-existence Study	Prof. Abhay Karandikar, Director, IIT Kanpur joined the Digital Dialogues as the Chief Guest. He has been the mentor in the preparation of the Study report and Chief Guest to release the Study report. Mr. Ted Kaplan, CEO & Chief Systems Engineer of RKF presented the key highlights of the report after the release. Dr. Kiran Kuchi, Professor, Department of Electrical Engineering, IIT Hyderabad said a few words on the subject after Mr. Kaplan's presentation. Prof. Karandikar in his keynote address and share his valued insights. This was followed by a Q&A Session moderated by Mr. Punit Rathod, Lead – Technical Standards, Qualcomm. Prof. Abhay Karandikar, Director, IIT Kanpur and the RKF Team including Mr. Ted Kaplan, CEO & Chief Systems Engineer, Dr. Farinaz Edalat, Senior Scientist & Dr. Michael Mandell, Senior Scientist as experts will answer the questions.	N/A	Closed	ICT
79	E	22-10-2021	IET India Digital Conversations - Digital Transformation: A Catalyst for Sustainability	45th episode of the IET India Digital Conversations leaders from Siemens Technology India, Panasonic India, Ashok Leyland, Tata Motors and Ather Energy who have driven technology led sustainability impact at their organisation and with their customers to this leadership panel discussion	The webinar focused on the: § How digital transformation can help in unlocking ESG agenda § How technologies will drive optimum business impact without compromising on sustainability targets § Why sustainability is important and how to drive the same for your business and customers	N/A	Closed	ICT

				<p>were invited for the Digital Dialogue series.</p> <p>In partnership with Siemens Technology India, this 90 mins of intense conversation on the power of technology to drive a substantial impact on business along with meeting your sustainability targets was the main focus of the series.</p>				
80	E	22-10-2021	<p>Webinar on oneM2M-Technology Overview with GCF Certification for the development of Smart Ecosystem</p>	<p>Telecommunication Engineering Centre (TEC) in association with GCF is organized a webinar on "oneM2M- TECHNOLOGY OVERVIEW WITH GCF CERTIFICATION FOR THE DEVELOPMENT OF SMART ECOSYSTEM"</p>	<p>TEC organised a webinar jointly with GCF Certification on "oneM2M- TECHNOLOGY OVERVIEW WITH GCF CERTIFICATION FOR THE DEVELOPMENT OF SMART ECOSYSTEM". TEC adopted One M2M specifications as NATIONAL Standards for IOT for Smart Cities. TEC post adoption of the IoT national standards is also working on Code of Practice for Securing Consumer IoT as well as guidelines and securing of the Supply Chain for IoT. In this regard, TEC is working closely with the global bodies to understand best practices for implementation of IoT technology as well as ensuring security of the same. Some of the key topics discussed during the workshop are</p> <ul style="list-style-type: none"> <li>- Introduction to GCF &amp; latest programs update</li> <li>- TEC initiatives in M2M / Io domain</li> <li>- oneM2M Platform for Smart Cities</li> <li>- oneM2M based C-DOT common service platform</li> <li>- oneM2M Standards Update</li> <li>- oneM2M Implementation &amp; Demo</li> </ul>	N/A	Closed	ICT

81	E	22-10-2021	Virtual Meeting for Strategy for 5G and 5Gi for DOT, organised by TEMA	Telecom Equipment Manufacturing Association organised a virtual webinar cum discussion forum on the strategy for 5G and 5Gi (developed by TSDSI) to seek viewpoint of the various stakeholders as a response to DoT	<p>TSDSI's 5G Radio Interface Technology named as "5Gi" has recently been approved by the SG5 of ITU as a part of Draft Recommendation M. [IMT-2020.SPECS] in its meeting held on 23rd November 2020. However, Top trade and technology bodies from the US and UK have told the Indian government that adoption of globally harmonised standard, the 3GPP 5G standard, will give a much-needed push to electronic manufacturing in India as companies will be encouraged to set up their operations in India. In this regard DoT is seeking response from the various stakeholders their views and recommendation on the 5Gi technology. TEMA invited delegates to put forth their view on some of the important questions which are as under ;</p> <p>i. Current status of availability of 5G products, devices and applications,</p> <p>ii. What can be done for making available 5G products, devices and application?</p> <p>iii. What should be strategy for development of 5G ecosystem in India?</p> <p>iv. What needs to be done for enabling the 5G ecosystem development in India –products, devices and applications?</p> <p>v. What needs to be done for nurturing and proliferate application ecosystem of 5G? and</p> <p>vi. Inputs for strategy and plan for commercialization and monetization of 5G and 5Gi technologies.</p>	N/A	Closed	ICT
82	M	25-10-2021	Meeting 9 of LITD 35/P1 Panel	This meeting of the BIS LITD 35 P1 was held to continue discussion on the draft	It may be noted that SESEI is working with BIS, BIF, CDAC for adoption of EN 301549 as National standards for "Accessibility for ICT Products and	Continue work with Indian Standard	Open	ICT



				Developments on the working draft- " Accessibility for ICT Products and Services, Part 2 Conformance"	Services, Part 2 Conformance". The Draft is near finalisation and lot of work has commenced due to efforts of SESEI in this field.	Development Body (BIS) and other industry bodies for successful adoption		
83	E	26-10-2021	Virtual address on 'Ambition and Action in the fight against climate change and biodiversity'	Ambassador of EU to India H.E. Mr. Ugo Astuto's virtual address on 'Ambition and Action in the fight against climate change and biodiversity'	The European Union and India, the third and fourth largest carbon emitters in the world respectively, have a huge responsibility and role to play in the battle against climate change. This important session with H.E. Ugo Astuto, Ambassador of the European Union to India, chaired by Jamshyd N Godrej, Chairman, Ananta Centre and Chairman of the Board, Godrej and Boyce Manufacturing Company Limited, ahead of COP26 explored the mutual cooperation from both sides as they prepare to fulfil their roles as major stakeholders in the international climate diplomacy process at Glasgow. On the agenda existing and new avenues of collaboration like energy transition across sectors in both geographies, mobilising finance, adaptation and resilience, and more.	N/A	Closed	Environment & Circular Economy
84	E	26-10-2021	COAI, 5GIF and 5G ACIA Event	COAI, the representative body for the Indian telecommunications industry, jointly with 5GIF and 5G-ACIA organized a webinar to discuss the tangible steps to accelerated Digital-Empowered Industrial Automation	The webinar commenced with a welcome address by Lt. Gen. Dr. SP Kochhar, DG, COAI, followed by presentation by Dr. Andreas Mueller (5G-ACIA General Chair) and Dr. Afif Osseiran (5G-ACIA General Vice Chair).  An expert presentation on Digital Twin and the Asset Administration Shell was given by Mr. Josef Eichinger, Board Member 5G-ACIA followed by presentation by Dr. Nagahanumaiah, Director, Central Manufacturing Technology Institute on	N/A	Closed	ICT

					<p>Smart Manufacturing in addressing 4P (Product-Process-People-Production) challenges for optimized productivity in industry.</p> <p>An expert panel comprising of various stakeholders, discussed the requirements from Operational Technology industry and readiness of Indian ecosystem partners to provide reliable connectivity, infrastructure and services. The panellists also indulged in discussions on key applications for industrial automation and role of standardized solutions for accelerated uptake. The event witnessed participation from TSPs, Telecom OEMs, Manufacturing industry players, System Integrators who will play critical role in furthering Industry 4.0 in India to stimulate and accelerate the digitization road map of the industries.</p>			
85	E	26-10-2021	India Sweden Innovation Day	India Sweden Innovation Day was jointly organised by India Unlimited in association with Embassy of India in Sweden, Sweden India Business Council and Confederation of Indian Industry (CII) and Start-Up India (TBC).	During the event, many topics were discussed involving various cross sectors such as, AI & Innovation, AI Start-ups, Health and Safety, Mobility & Road Safety, etc. SESEI attended the Webinar to gain insight into activities around CE/RE	N/A	Closed	Circular Economy
86	M	27-10-2021	Conference call meeting with DCMS and British Embassy	Planning Next Steps: SESEI, DCMS and British Embassy on issues related to DCMS and TEC collaborating and seeking guidance on the Code of Practice (and ETSI EN 303 645) into enactable	TEC has recently released its report on The Code of Practice for securing Consumer IoT. In this regard they are seeking SESEI's support to seek information and knowledge sharing on securing the IoT Supply Chain and other related issues.  SESEI arranged a meeting between DCMS and TEC	Continue work with TEC and DCMS, UK on this topic	Closed	ICT

				and proportionate legislation.	to seek more information on how UK is converting the Code of Practice (and ETSI EN 303 645) into enactable and proportionate legislation. In continuation of the earlier meetings and discussions, between DCMS, SESEI and TEC, this meeting was held with British Embassy also engaged in the discussion.			
87	M	28-10-2021	Conference call meeting with EU-REI Project.	Call between Ms. Reva Prakash of GIZ, Ms Kristina, SIS and SESEI expert	Call was held for discussion on proposed webinar in India jointly organised by CENCENLECE and BIS on Circular Economy and Resource Efficiency. Draft agenda for the webinar and email invite to BIS was discussed and finalised during the call. An email to BIS was sent for participation.	Successful organisation of Webinar	Open	Circular Economy
88	M	28-10-2021	LITD35/A-2.: Meeting of the LITD 35 Active Assisted living Sectional Committee	The meeting was held to continue discussion on the Accessibility Standard, Part 2	Call was organised to discuss input/comments received from the members on Part 2 of Indian Standard based on EN 301 549.	Successful adoption and implementation of EN 301 549	Closed	ICT
89	E	29-10-2021	India-UK Partnership Programme: Resilient Networks Workshop	Catapult, UK organised a webinar / cum conference on the India - UK Future Telecom Partnership on Resilient Networks	India-UK Telecom Programme is exploring opportunities for companies and universities to collaborate on joint research and innovation projects to meet the requirements for future telecom networks. this programme was supported by UKRI India, CSA Catapult has partnered with Unconventional Connections (UK) and Finovista (India) to create this India-UK Partnership Programme. This online workshop was the second in a series of six and discussed Resilient Networks: building component and system level supply chains to guarantee future deployment and maintenance. SESEI expert provided it input to the paper prepared by the catapult.	N/A	Closed	ICT

## SESEI-IV: Queries

Sr. No.	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
1	24-Dec-21	Inputs to TEC report on "Finalizing IoT / ICT standards for Smart cities"	NAMRATA SINGH <namrata.singh51@gov.in>	ICT/Smart Cities	TEC	<p>Dear Namrata Ji,</p> <p>Merry Christmas &amp; Happy New Year 2022.</p> <p>Please find updated report and following section have been updated in track change with latest and asked by Sushil Ji.</p> <ul style="list-style-type: none"> <li>- 4.2=&gt; Smart City: Policy Initiatives and standardization work in Europe</li> <li>- 5.6.5=&gt; ETSI NGSI LD</li> <li>- 5.7.6=&gt; Digital Health/e-Health</li> </ul> <p>Warm Regards, Dinesh Chand Sharma</p>	Email Query	Closed
2	13-Dec-21	Provided information on ETSI, 3GPP membership	Thaye Choden <tchoden@dit.gov.bt>	ICT	Department of Information Technology and Telecom, Ministry of Information and Communications, Bhutan	<p>Dear Ms Thaye,</p> <p>Please note below information around ETSI, 3GPP, oneM2M membership with associated benefits. For more information or any query around this, you can revert to me or contact my colleague Ms Clair in copy.</p> <p>Being part of the Ministry of Information and Communications, the category of membership would be that of an Administration. An Administration contributes to the ETSI budget based on</p>	Email Query	Closed

					<p>the level of GDP. For Bhutan this would be 1 unit of contribution (6 000€) per calendar year. This would not include 3GPP where in theory 3 units of contribution are required, which ETSI membership could take it up to make it 2 Unit (9 380€).</p> <p>The process is easy, need to fill in the membership application form from the website:  <a href="https://portal.etsi.org/membership_app/applicationform.aspx">https://portal.etsi.org/membership_app/applicationform.aspx</a>. When ETSI has received the signed application form, there is a request to the Director General to authorise access to the resources and then, once payment has been received, there is the submission to the approval poll amongst all members. There are 4 Polls per year as follows:</p> <ul style="list-style-type: none"> <li>• For a membership application received between 1 December and 1 March, an applicant member may be submitted to the first member approval poll of the year. The organisation is invoiced 100% of the annual member contribution</li> <li>• For a membership application received between 1 March and 1 June, an applicant member may be submitted to the second member online poll of the year. The organisation is invoiced 75% of the annual member contribution</li> <li>• For a membership application received between 1 June and 1 September, an</li> </ul>		
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					<p>applicant member may be submitted to the third member online poll of the calendar year, The organisation is invoiced 50% of the annual member contribution</p> <ul style="list-style-type: none"> <li>• For a membership application received between 1 September and 1 December, an applicant member may be submitted to the fourth member online poll of the calendar year, The organisation is invoiced 25% of the annual member contribution</li> </ul> <p>ETSI membership includes access to all the ETSI technical committees, all Industry Specification Groups (without paying the meeting fee) and to the oneM2M partnership project and 3GPP* (* subject to a minimum contribution to ETSI).</p> <p>Becoming a member of ETSI will provide Bhutan's "Department of Telecom &amp; IT" with access to a membership driven, open and inclusive environment where you can develop and test globally applicable standards for ICT-enabled systems, applications and services. Greater detail of ETSI's work in each technology area can be found in the specific technology's pages of our website. There are many sources of information regarding our technology areas in the Media Library, this includes short videos, technology leaflets and white papers.</p> <p>A summary overview of ETSI's current</p>		
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					<p>areas of activities is attached, and we invite you to take a look at the information regarding benefits on: <a href="https://www.etsi.org/membership/member-benefits">https://www.etsi.org/membership/member-benefits</a>.</p> <p>Once a member any number of employees can participate in all of the Technical Organization's activities. Within the Technical working groups, one acquires understanding of the reasoning behind a given standard and obtains advance notice of any changes. The technical benefits of membership are complemented by benefits such as insight into European Regulations and networking with other administrations and regulators and also with Industry leaders. Members gain access the ETSI Portal where early drafts of specifications can be obtained, one can submit comments and vote via the Membership Approval Process for ETSI Standards &amp; Guides and download all the ETSI published documents in editable format. The ETSI Portal provides a mine of information about the meetings, the meeting submissions, the officials and the partnerships, to name just some of the vast content.</p> <p>For any further information, please let me</p>		
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						or my colleague Ms Claire (cc) know about it.		
3	24-Nov-21	Query on ETSI 5G Building blocks and 6G work in Europe	Sr.DDG DoT <srddg.tec@gov.in>	ICT	TEC	Dear Deepa Madam,  As asked, please find slides on ETSI 5G Building blocks and 6G work in Europe.  Warm Regards,	Email Query	Closed
4	23-Nov-21	Dear Dinesh,  I checked on the BIS website yesterday and I am still puzzled if a factory audit is mandatory.  For compulsory certification ( <a href="https://www.bis.gov.in/index.php/products-under-compulsory-certification/">https://www.bis.gov.in/index.php/products-under-compulsory-certification/</a> ), there is FMCS ( <a href="https://www.bis.gov.in/index.php/fmcs/certification-process/aboutfmcs/">https://www.bis.gov.in/index.php/fmcs/certification-process/aboutfmcs/</a> ).  Does that imply that for all the 381 products in scheme 1 a mandatory factory audit is needed?  And for the 8 products in	Babette Desfossez <babette.desfossez@fitagency.com>	Generic	Embassy of Belgium, Government of Flanders	Dear Babette,  While your understanding is right and just to understand more on it, It's like this:  For conformity Assessment of Products: Refer Schedule-I at page 242 of the regulation ( <a href="https://www.bis.gov.in/wp-content/uploads/2019/03/BIS_CA_12032019.pdf">https://www.bis.gov.in/wp-content/uploads/2019/03/BIS_CA_12032019.pdf</a> ) and per this, BIS has 7 schemes namely Type A, B, C, D, E, F and G specifying criteria for each types. Market Surveillance is applicable for Type C and Type E. Factory Surveillance is applicable for Type D and Type E, Assessment is applicable for Type F and Audit is applicable for Type G.  Various Schemes and applicable Product Category Types: 1) Scheme – I is applicable for Type E (refer page 243 onwards of regulation) 2) Scheme – II is applicable for Type C (refer page 300 onwards of regulation) 3) Scheme – III is applicable for Type G	Email query	Closed



		<p>scheme 2 that is not necessary?</p> <p>Kind regards</p> <p>Babette Desfossez Trade &amp; Investment Commissioner</p>				<p>(refer page 334 onwards of regulation)</p> <p>4) Scheme – IV is applicable for Type E (refer page 357 onwards of regulation)</p> <p>5) Scheme – V is applicable for Type B (refer page 381 onwards of regulation)</p> <p>6) Scheme – VI is applicable for Type F (refer page 389 onwards of regulation)</p> <p>7) Scheme – VII is applicable for Type A (refer page 401 onwards of regulation)</p> <p>8) Type D is same as Type E except Market Surveillance is not applicable in case of Type D hence applicable scheme for Type D shall be Scheme – IV</p> <p>Hence with above, Scheme – I which is applicable for Type E, both Market Surveillance and Factory Surveillance is applicable for the same. Also, as you have noted on the website product under Scheme – I &amp; Scheme – IV, they both having mandatory Market Surveillance and Factory Surveillance. In case of Scheme – II (Type C) only Market Surveillance is applicable (no factory surveillance).</p> <p>With this detailed information, effectively your understanding is right that all product under Scheme – I, factory surveillance is mandatory. Factory Audit is applicable for Type G (Scheme – III) only.</p> <p>- There are also various products under compulsory registration scheme</p>		
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						<p><a href="https://www.crsbis.in/BIS/products-bis.do">https://www.crsbis.in/BIS/products-bis.do</a></p> <p>Hope it helps, feel free to come back for any clarification or query on this.</p> <p>Warm Regards,</p>		
5	15-Nov-21	Inputs on TEC Technical Report on “Security by design Principles in M2M device manufacturing and National Trust Center for certification of M2M devices and applications”	Shekhar singh <ad.iot-tec@gov.in>	ICT	TEC	<p>Dear Shekhar Ji,</p> <p>As asked in our earlier call, I have updated the Annexure -A with following as per the updated ToC:</p> <ul style="list-style-type: none"> <li>- Added a new section 4.4 for covering work of European Union</li> <li>- Added 4.6 &amp; 11.5 for capturing work of CEN-CENELEC</li> </ul> <p>Updated Annexure is enclosed for your kind information.</p>	Email query	Closed
6	10-Nov-21	Responses to questionnaires on development of IoT in India	VISCO Feli <feli.visco@dgtrésor.gouv.fr>	ICT	Attachée Sectorielle Numérique et Ville Durable   Attache Digital and Sustainable Cities	<p>Dear Feli,</p> <p>Please find enclosed responses to your questionnaires.</p> <p>Warm Regards,</p>	Email query	Closed
7	28-Oct-21	We are a manufacturer of cables based in India. I would like to know who qualifies the manufacturer for the EN standards. I am specifically looking for qualification EN 2267	Rahul Singh <rahul.singh@gargasso.com>	Generic	Garg Associates Pvt. Ltd.	<p>Dear Rahul Ji,</p> <p>Cables of the series EN2267 and EN2714 shall be certified according to EN9133, as specified in their technical specification EN2235. This means that these cables shall be certified by a certification authority as defined in EN9133.</p>	Email query	Closed

		<p>series namely 002, 007, 009, 010 and EN 2714-011.</p> <p>Thank you very much for your guidance.</p> <p>Warm Regards, Rahul</p>				<p>As of today, the only organism complying with this definition and offering to qualify EN products is ASD-CERT. Therefore, EN2267 and EN2714 cables shall be certified by ASD-CERT. You may contact Christelle Festaud (secretariat.general@asd-cert.org) for more details about the certification process.</p> <p>List of these as developed by CEN-CENELEC TC on ASD-STAN – Aerospace is available at <a href="https://standards.cencenelec.eu/dyn/www/f?p=205:32:0::::FSP_ORG_ID,FSP_LANG_ID:6378,25&amp;cs=1EAED55E8D11445412C87CA39C15B30CF">https://standards.cencenelec.eu/dyn/www/f?p=205:32:0::::FSP_ORG_ID,FSP_LANG_ID:6378,25&amp;cs=1EAED55E8D11445412C87CA39C15B30CF</a></p> <p>Warm Regards,</p>		
8	27-Oct-21	Input to a chapter on EU-India and Germany Trade Co-operation	Monika Schädler <monika.schaedler@hs-bremen.de>	Generic	Prof. Dr. Monika Schädler Süderfeldstr.42c D-22529 Hamburg	Prof. Dr. Monika Schädler, Hochschule Bremen City University of Applied Sciences approached SESEI expert to write a chapter on "Is India a Strategic Partner for Europe and Germany? – Implications for Standardization and Innovation Strategies". SESEI prepared and shared the chapter as desired.	Email query	Closed