

## Annexure 2

### Activity Tracker & Queries for the period of 'April-June 2022'

#### Quarterly Report No. 12

Sr. No.	Description	Total Until now	In Last Quarter (April-June 2022)
1	External Meetings	414	36
2	Internal Meetings	90	5
3	Events/Seminar/Workshop/Roundtable	402	29
	<b>Total</b>	<b>906</b>	<b>70</b>
4	No of Queries	103	4

## SESEI-IV

### Quarterly Activity Update: April-June 2022

Sr. No	CAT	Date	Meetings/ Events:	Subject:	Outcome:	What Next	Status	Sector
1	E	02-06-2022	Biodiversity means Business II: Greener EU-India Supply Chains & Technologies	The EU Delegation to India along with Global Business Inroads (GBI) organized a full-day online event, on June 2nd, 2022.	<p>Under the general title "Biodiversity means LIFE", the 2021-2022 EU campaign is meant to illustrate in the first place the socio-economic benefits of adapting the EU Green Deal Strategy in India (in particular as regards biodiversity in land use, coastal areas, and green infrastructures/nature-based solutions). The "Biodiversity means Business II: Greener EU-India Supply Chains &amp; Technologies" event wrapped up the campaign, and inputs from experts and practitioners will be provided, collected, analysed and summarised in a final end-of-campaign report which will be ready before the CBD COP15 in 2022 Q3.</p> <p>This event addressed the adaptation, promotion and enforcement of greener corporate and public policies, technology, innovation, and models at the national, state and city levels. The scope of discussion encompassed all the elements of the Global Biodiversity Framework but with a specific focus on 4 Aspects of biodiversity conservation restoration in India &amp; EU:</p> <ul style="list-style-type: none"> <li>• Terrestrial Landscapes</li> <li>• Marine/Coastal &amp; River Ecosystems</li> <li>• Wildlife and habitats protection</li> <li>• Wetlands.</li> </ul> <p>The objective of the Biodiversity means Business</p>	N/A	Closed	Energy Efficiency and Environment

				<p>II: Greener EU-India Supply Chains &amp; Technologies program was:</p> <p>a) To assess and explore possible EU-India supply chains trade and economic sectors that could best illustrate and most swiftly realise the socio-economic and biodiversity potential of conservation and restoration in business practices in India.</p> <p>b) To identify and encourage possible improvements in the regulatory or business environment in India or the EU, as enabling factors and catalysts of such a transition.</p> <p>c) To align policies and stakeholders to help them understand, measure and achieve aspirational Global Biodiversity Framework targets.</p> <p>The program was divided into two broad sessions, with the first part focusing on bringing together EU &amp; India businesses and stakeholders for dialogues on adaptation, promotion and enforcement of more nature-friendly (corporate and public) policies, technology, innovation, business levels and solutions at the national, state and city levels. The second part was pre-set B2B session, which brought together EU and Indian tech companies – adopters (public or private) and financing organisations for collaboration.</p> <p>SESEI with the help of CEN-CENELEC got in touch with AFNOR Ms lhuillery caroline &lt;caroline.lhuillery@afnor.org&gt;, who agreed to make a presentation on the work being carried out at ISO TC 331 Biodiversity. As the ISO/TC 331 work has just begun, presentation covered mainly on the structure of TC 331 (its member countries, its</p>			
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					working groups and its projects) and how normative influence operates and can be a development lever for organizations.			
2	E	02-06-2022	Workshop "Smart PPE – standardization for design and use"	An online workshop was conducted by the CEN-CENELEC Sector Forum on Smart PPE. The topic of the workshop was "Standardization for design and use"	This exciting and interactive half-day workshop offered an update on the development and standardization of smart garments, textiles and equipment, with feedback on the needs and expectations from users and testing authorities. Apart from technical aspects, impacts from other legislative initiatives like data protection, cybersecurity and artificial intelligence were discussed. During the workshop, participants had the possibility to showcase the newest developments and shared their experiences and concerns with standards and conformity assessment.	N/A	Closed	Medical
3	M	02-06-2022	Meeting to discuss the input document from Tejas Networks on 'Vision 2030 and Beyond'	TSDSI organized a meeting to discuss the input document from Tejas Networks on 'Vision 2030 and Beyond'	A meeting to discuss and update the input document received from Tejas Networks on "Vision 2030 and Beyond" was organized by TSDSI.	N/A	Closed	ICT

4	M	07-06-2022	First meeting of DECT Forum India Working Group	First meeting of DECT Forum India Working Group was organized to discuss the preparation for a workshop to be organized to present the DECT business case to Indian authorities and other stakeholders.	During the meeting working group agreed on following points: <ul style="list-style-type: none"> <li>• Meeting to be done with earlier DFI Sec., Mr. Anil Prakash and bring him on-board for our next DECT India WG meeting</li> <li>• Discussion with Anil on the previous efforts &amp; forthcoming strategies for DECT in India before approaching to Indian regulators TRAI/DoT (WPC)</li> <li>• A proposal for Short study report on the different frequency bands for DECT technology in India by an independent 3rd party consulting organization</li> <li>• Next DECT India WG meeting tentatively on 1st/2nd week of July'22</li> </ul>	Continue working with DECT in India	Closed	ICT
5	I	08-06-2022	Meeting to discuss BIS Training Cum Exposure Visit Schedule	A final meeting was scheduled by SESEI along with the Project Partners to review the training and exposure visit of the BIS Delegation. All the speakers, topics and location of the said meetings were discussed and confirmed once again. The final schedule was circulated to all members.	A meeting was held to review and update the BIS training program.	Successful visit of BIS delegation	Open	Generic
6	E	6/8/2022 and 6/9/2022	Putting Science into Standards - workshop on data	CEN and CENELEC, together with the European Commission's Joint Research Centre (JRC),	The 2022 PSIS workshop focused on the topic of "Data quality requirements for inclusive, non-biased, and trustworthy artificial intelligence". The EU's approach to artificial intelligence focuses on excellence and trust, aiming to boost research	Successful visit of BIS delegation	Open	Generic

			requirements for inclusive, non-biased and trustworthy AI	carry out an annual 'foresight on standardization' exercise under the Putting Science into Standards (PSIS) initiative	and industrial capacity and ensure fundamental rights. Bias in existing state-of-the-art AI models has been widely proven, raising concerns on societal consequences. Researchers in academia and industry have proposed different methods to eliminate bias, starting from the input data and by curating the AI model training. However, no common approach to measure requirements in data quality has been defined. Standards and guidelines are needed to define types of data used in creating AI models to ensure that bias is not present. Ensuring that AI model data upholds quality standards that result in non-biased, inclusive AI systems will provide the right foundation from which trustworthy AI can be further developed and deployed to improve EU citizens' lives. <b>The objectives of the workshop are:</b> - Presenting current and future needs and recommendations to address data biases and related ethical concerns in the context of AI; - Mapping of existing and missing standardization efforts; - Developing guidelines in view of data quality standards for AI models; - Proposing and recommending steps to start the process of drafting standards.			
7	M	09-06-2022	MATCOF meeting of IoT Division, TEC	TEC invited SESEI expert to join the MATCOF (Mandatory Testing Consultative Forum) meeting	Telecom Engineering Centre (TEC) organized first meeting of the newly formed MATCOF (Mandatory Testing Consultative Forum) to review the Essential requirements of the Tracking Device. SESEI as a member of MATCOF attended the meeting. Discussions on the Essential Requirement of	Continue working with TEC on this subject	Closed	ICT

					tracking device (TEC 28732108) were held during the meeting.			
8	M	09-06-2022	Standards, Legal and Regulatory WG meeting	A meeting was called by the IET - Future Tech Panel to review the draft White Paper prepared by the Standards Regulatory & Legal Committee of the IET - Future Tech Panel. SESEI has been chair of this committee since its inception in 2015. SESEI along with the members and the IET Secretariat decided to handover the Chairmanship to Mr. Debashish Bhattacharya from Broadband India Forum.	The main highlights of the meeting were 1. Discussion and Finalization of the draft White Paper on IoT and Future Technologies 2. New composition of the SLR Committee 3. Part of the draft White Paper focused on the legal requirements and ethics of Future Technologies	Continue working with SLR WG as a member	Closed	ICT

9	M	09-06-2022	ASSOCHAM's National Council Meeting on WTO Trade & Investment	ASSOCHAM INDIA hosted a meeting on WTO Trade & Investment	The meeting focused on following points: 1. Review of existing BTs, RTA, FTAs and consultation on new FTAs, 2. Standardization of products and recyclable material 3. Rationalization of customs duty on input and output 4. Foreign Trade Policy 5. EoDB - Trade facilitation, simplification of customs procedure 6. Promoting export of focused products by removing trade barriers 7. Other items as per suggestion of council members	N/A	Closed	Generic
10	M	13-06-2022	Annual Ethnic Socioeconomic & Cultural Heritage Hub Meet for sustainable livelihood goals promotion & development.	Mr. Surajeet Roy, CEO & Chief Trustee, GARUD requested a meeting with SESEI to discuss the annual Ethnic Socioeconomic & Cultural Heritage Hub Meet for sustainable livelihood goals promotion & development.	Mr. Surajeet Roy, CEO & Chief Trustee, GARUD requested a meeting with SESEI to discuss the Annual Ethnic Socioeconomic & Cultural Heritage Hub Meet for sustainable livelihood goals promotion & development by GARUD (Global Agency for Rural & Urban Development) in Guwahati Assam involving the 8 States of the North East India & any other neighbouring Countries... SESEI explained various option and opportunity available between EU-INDIA and how best they can approach the DST for taking up their proposed activities	N/A	Closed	Circular Economy
11	E	15-06-2022	Focus Group Discussion- Thematic Report for Digital Sustainability-	EU Delegation to India along with Global Business Group held first meeting of the Focus Group created for preparing the	SESEI expert provided necessary input to the report during the round table covering few points as briefed below: 1. Highlight importance of standard based implementation and mention India's adoption of oneM2M Specification by TEC as National	Continue contribution on this EU delegation activity	Closed	Smart Cities



			<p>Smart Cities Sector in EU-India</p>	<p>Report for Digital Sustainability-Smart Cities Sector in EU-India. Post discussion with Global Business Group on Bio-Diversity issues, they have extended the invitation to SESEI to be part of this focus group for deliberations</p>	<p>Standards and its inclusion in IS 18004: Part1, ETSI NGSi-LD API specification included as part of IS 18003</p> <ol style="list-style-type: none"> <li>2. Accessibility shall be an integral part of Smart Cities implementation in India and Indian Standard for procurement of ICT products is based on EN 301 549</li> <li>3. Cyber Security is also very important, and TEC has adopted Code of Practice on Cyber Security for Consumer IoT</li> <li>4. Voluntary guidelines for Energy Consumption and Efficiency</li> <li>5. Waste Management is important both for Environment and Circularity hence eco-design principle shall be implemented</li> <li>6. Smart Cities Cluster shall build a Smart Cities Marketplace, Smart Cities Living Lab (IIIT-H)</li> <li>7. Smart Cities Indicators/KPI shall be a developed based on Global Standards</li> <li>8. Procurement Criteria shall be technology driven</li> <li>9. Broadband for all - PM-WANI, Captive Wireless network, Satellite communication etc.</li> <li>10. Intelligent Transport System - Traffic Management</li> <li>11. Capacity Building</li> <li>12. Open Data Flow for Innovation, SME and Startup integration</li> </ol>			
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12	E	15-06-2022	Navigating global landscapes for medical PPE standards	British Standards Institution (BSI) organized webinar on Navigating global landscapes for medical PPE standards	Quality personal protection equipment (PPE) is essential to protect the medical and community health professionals who play a vital role in countries' health systems. But with global supply chains under pressure since the start of the COVID-19 pandemic, it is necessary to identify what can be done to ensure ongoing availability of PPE. SESEI Joined industry leaders at the launch of a new benchmarking technical guide to help governments and manufacturers increase the supply of PPE and heard about the importance of international standards harmonization.	N/A	Closed	Medical
13	E	16-06-2022	Open RAN India 2022	Bharat Exhibitions organized its flagship event, the 2nd edition of Open RAN India 2022 on 16th June 2022 at Hotel Shangri-La, New Delhi.	The conference was a dynamic forum for leading telecom operators, enterprises, and Govt. agencies to understand and formulate strategies to enhance the networks in line with business needs. Open RAN will definitely help the Atmanirbhar Bharat movement, and some companies have already started showing momentum in this regard. For telecom players, it lowers capex and open, brings in more efficiency and innovative solutions with quicker deployment of 5G. For software makers, it is an opportunity to build 'Make in India solutions for the global market. For system integrators, it is a way of expanding their reach globally. Indian telecommunication companies will have to ensure cost-effective and early deployment of services as well as generate additional revenue streams to stay ahead of the curve.	N/A	Closed	ICT

14	E	20-06-2022	Celebrating World Wi-Fi Day 2022 organised by BIF by way of Webinar	<p>BIF organized session of The Digital Dialogues in fete of World Wi-Fi Day, scheduled. An initiative of the Wireless Broadband Alliance (WBA), World Wi-Fi Day is a global annual event to recognize and celebrate the significant role of Wi-Fi in getting cities and communities around the world connected, and champions the cause of developing exciting and innovative solutions to help bridge the digital divide. This year, the key focus of the session will be on the vital aspects of Public Wi-Fi and PM WANI.</p>	<p>BIF is dedicated in its efforts towards promoting the use of Wi-Fi as an effective tool for proliferating reliable and affordable digital connectivity across the nation. The session provided immense opportunities for Wi-Fi Service and how proliferating its access is in the interest of the people of India, especially with the present scenario demanding high quality data connectivity for continued and evolving business and social requirements, and the accentuated consumption of video content across both urban and rural India.</p> <p>The Government's introduction of the historic PM WANI Public Wi-Fi Policy, and the emergence of the next-gen Wi-Fi 6/6E will further add to its impetus, and would lead to delivering 'Broadband for All', while also helping realise our 'Digital India' aspirations and the National Mission of 'Atmanirbhar Bharat'.</p>	N/A	Closed	ICT
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15	I	21-06-2022	SESEI Project Steering Committee Meeting No SC#8	The Eight Steering Committee of the SESEI IV Project was held on 21st June 2022.	The main discussion during the meeting was as under ; - Project status: Project administration and management & Budget snapshot presented by ETSI - SESEI Expert input ON Major Activities , Changes if any in Current Work Programme & Timeline of deliverables - Detailed discussion on the BIS Training Program - Updates from Partners on other relevant India-related initiatives/activities - Exchange between the Partners and SESEI on important issues	Follow up action items	Closed	Generic
16	M	21-06-2022	TEC: Next virtual meeting of the Working group on IoT and 5G Use cases in Agriculture	ITU has recently formed one focus group on " Artificial Intelligence (AI) and Internet of Things (IoT) for Digital Agriculture FG-AI4A. This focused group at TEC was constituted to have more participation from India in the ITU Focus Group. TEC has previously released a Technical Report on IoT/ICT Enablement in Smart Village and Agriculture. It was agreed that this Technical Report will	The second meeting of the TEC Working Group on Smart Village and Agriculture was held. The Technical Report on IoT and 5G Use Cases in Agriculture to study 5G and IoT based use cases in Smart Village & Agriculture was discussed in detail and the new revisions, contributions were reviewed by the members during the meeting.	Continue working with TEC on this subject and contribute EU work	Closed	ICT

				be used as a basis for the contribution to ITU on IoT and 5G Use cases in Agriculture.				
17	E	22-06-2022	Webinar on “E-Waste Management” organized by National Telecommunications Institute For Policy Research, Innovation and Training (NTIPRIT)	NTIPRIT (National Telecommunications Institute for Policy Research, Innovation & Training), apex Telecom Training Centre of the Government of India under the Ministry of Communications, is organizing a Webinar on “E- Waste Management”	<p>This webinar on E-Waste management focused on salient features of E-waste management rules, Modalities of and best practices for E-waste management in Indian Telecom Sector, case studies and ensuring compliance to E-waste rules. The webinar will be having following technical sessions:</p> <p>1) - Introduction to E-Waste and Salient features of E-Waste Management Rules– By Dr. BMS Reddy, Sr. Environmental Engineer, Delhi Pollution Control Committee</p> <p>2) - E-Waste Management in Indian Telecom Sector- Modalities &amp; Best Practices- By Sh Ajay Sohanvi, Founder Kar Parivartan LLP, Producer Responsibility Organisation (PRO) authorised by Central pollution Control Board (CPCB)</p> <p>3) - Ensuring Compliance to the E-Waste Rules – By Sh. A Prem Ananth, Regulatory Affairs Sr. Manager, Global Product Compliance Engineering and Environmental Affairs, Dell Technologies</p>	N/A	Closed	Energy Efficiency and Environment

18	M	22-06-2022	Conference call Meeting regarding EU SME Business support workshop	Meeting requested by Joanna Pyres following up a suggestion of Mr. Michael Buki EU Delegation to India. Ms Joanna Pyres is an Associate and Accredited Partnership Broker and Trainer, The Partnership Brokers Association seeking updates and information on the EU SME Business.	The meeting was held to discuss the upcoming workshops on EU SME Business. SESEI during the meeting shared all around Project scope, activities and responded to her open questions seeking inputs.	Follow up action items	Closed	Generic
19	E	23-06-2022	57th CENELEC General Assembly and the 63rd CENELEC General Assembly including 13th Common Session - Prague, Czech Republic	CEN CENELEC invited SESEI to join the 57th CEN/AG, the 63rd CENELEC/AG and their respective 13th Common Session held on 23 June 2022 in Prague, Czech Republic.	The meeting hosted by the Czech Office for Standards, Metrology and Testing (UNMZ) and the Czech Standardization Agency (CAS). As 2022 marks the European Year of Youth, CEN and CENELEC also organized a Young Professional Panel, which serves as a platform for young professionals to shine a light on the importance of European youth to build a better future – greener, more inclusive and digital through standardization.	N/A	Closed	Generic
20	M	27-06-2022 to 28-06-2022	Meeting with European Commission officials	During the BIS Delegation Training & Exposure visits to EU, SESEI organized	<b>The first two days of the BIS Exposure and Training visit were held with European Commission. The main subjects / issues presented during the two days were</b> 1. Introduction and discussion around EU-INDIA Partnership: EU-India Strategic Partnership: A	Follow up action items	Closed	Generic

				<p>technical sessions with EC key officials.</p>	<p>Roadmap to 2025  2. Introduction to EUROPEAN STANDARDISATION SYSTEM (ESS): Annual Program, Standardization Strategy include. Education about Standardization  3. <b>BIS Head of the delegation shared update on Indian developments:</b> - Standards National Action Plan (SNAP)/Indian National Strategy for Standardization and BIS MoU with ETSI &amp; CEN-CENELEC and Standards &amp; TBTs  4. Mr. Christian Mackeprang Bruhn (DG GROW Unit Standards Policy) addressed a session on "Economic Benefits of Standards"</p> <p><b>Day 2:</b>  5. <b>Meeting and discussions with DG-CNCT: on ICT Partnership Instruments &amp; JWG, Artificial Intelligence &amp; Accessibility</b>  6. <b>Session on Market Surveillance, notified Authority, Conformity Assessment &amp; Lab ecosystem (Testing &amp; Accreditation Lab)</b>  7. <b>Session on Horizon Europe Research &amp; Innovation (Standards based Research)</b>  8. <b>Meeting and discussion with DG-ENV on Circular Economy, Eco-Design, Green Deal, Clean Tech, Renewables</b></p>			
21	M	28-06-2022	Meeting with Elena Santiago Cid, Director General at CEN & CENELEC	SESEI expert held a meeting with Elena Santiago Cid, Director General at CEN & CENELEC to give an update on the Project SESEI IV activities	SESEI expert during his visit to Europe, held a meeting with Elena Santiago Cid, Director General at CEN & CENELEC and presented an update on the Project SESEI IV activities and milestones achieved.	Follow up action items	Closed	Generic

22	M	29-06-2022	Visit to Notified Authority & Lab in Brussels, BELAC	BIS delegation visited to Notified Authority & Lab in Brussels	A session on accreditation system and notification Ecosystem in EU was organized by BELAC. Thomas De Jonghe, Directorate-general Quality and Safety, Technical File Manager BELAC (FOD Economie - SPF Economie) and Ms. Ariane Van Cutsem, Expert Notification and Accreditation for the Safety Regulations Unit. (Directorate-general Quality and Safety) gave a detailed presentation on the process of accreditation for the labs, the overview of the acervation and conformity assessment ecosystem, key actors, legislations, NANDO, etc.	Follow up action items	Closed	Generic
23	M	29-06-2022	Meeting with EFTA Management team	During the BIS Delegation Training & Exposure visits to EU, SESEI organized technical sessions with key officials at EFTA, ANEC, ETUC, and SBS.	<p><b>Ms. Hege Marie Hoff, Deputy Secretary-General and Ms. Gudrun Rognvaldardottir, Senior Officer addressed a session on:</b> EFTA structure and activities aligning with EU Standards and related policies etc.</p> <p><b>Chiara GIOVANNINI, Senior Manager, Policy &amp; Innovation, Deputy Secretary-General addressed a session on:</b> - Consumer participation in standardization &amp; Case Study of Common Chargers</p> <p><b>Guido De Jongh, Advisor, ETUC (www.etuc.org ) addressed a session on:</b> Role of Trade Union in Standardization &amp; Policy Making</p>	Follow up action items	Closed	Generic



24	M	30-06-2022	Meeting with CEN-CENELEC Management Team	During the BIS Delegation Training & Exposure visits to EU, SESEI organized technical sessions with key officials at CEN CENELEC and ECOS	<p>During the meeting:</p> <ul style="list-style-type: none"> <li>- Bureau of Indian Standards (BIS) official shared update on SNAP (Standards National Action Plan) and their expectations on implementation of MoU with CEN and CENELEC.</li> <li>- CEN CENELEC shared update on CEN-CENELEC Strategy 2030, the European Standardization System and CEN-CENELEC Research &amp; Innovation activities (Standards based Research)</li> <li>- CEN CENELEC interactions with their members and with ISO/IEC: <ul style="list-style-type: none"> <li>a. The role of NSOs in CEN-CENELEC Technical bodies and how they are integrated in CEN and CENELEC technical work</li> <li>b. Harmonization of European standards with ISO and IEC, especially in the work of ISO/IEC/JTC1</li> </ul> </li> <li>- CEN &amp; CENELEC activities on the following priority topics proposed by BIS: <ul style="list-style-type: none"> <li>a) Climate change, Green Deal, clean technologies, circular economy, Batteries and renewable, Artificial intelligence, data governance, and ICT</li> </ul> </li> <li>- Wim de Kesel shared a short presentation on "IEC CB Schemes"</li> <li>- Pamela Tarif, ECOS also gave a short presentation on "Role of Environmental Organisation in Standards &amp; Policy Making"</li> </ul>	Follow up action items	Closed	Generic
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25	I	02-05-2022	Steering Committee Meeting No 7 (SC#7)	The SC#7 Meeting was attended by all the Project Partners; Ms. Margot Dor, Mr. Xavier Piednoir, ETSI Ms. Silvia Vaccaro, Mr. Emilio Da Gonzalez, EC Ms. Gudrun Rognvaldardottir, EFTA Mr. Eric Marchand, CEN CENELEC Dinesh Chand Sharma, Priya Sawhney, SESEI	7th Steering Committee Meeting of the SESEI Project was held on 2nd May 2022.  The main agenda of the meeting was: - Actions items from the previous meetings - Project status: Project administration and management as well as Budget snapshot - SESEI Expert input on Major Activities, Changes if any in Current Work Programme & Timeline of deliverables and feedback on BIS Training Program - Updates from Partners on other relevant India-related initiatives/activities -Exchange between the Partners and SESEI on other important issues	Follow up action items	Closed	Generic
26	M	02-05-2022	Trade and Innovation Support in India - an EU tender	A short meeting was requested by Mr. Ranjith Kumar Jambulingam, Senior Manager, EBTC to discuss recommendation on possible project partners in the area of Digitalization and innovation.	EBTC was seeking suggestions / recommendations on prospective partners for entering in competition / tender. SESEI suggested few possible partners to EBTC post understanding the requirement.	N/A	Closed	Generic
27	E	03-05-2022	ENISA-ETSI Joint Workshop: Remote Identity Proofing	Joint ENISA & ETSI Workshop on Remote Identity Proofing.	ENISA and the ETSI organized a joint workshop as part of their joint effort and collaboration to support EU requirements for identity proofing. The workshop followed the recent publication of ENISA's report on "Remote Identity Proofing - Attacks & Countermeasures" and the recent ETSI Technical Specification TS 119 461 on "Policy and	N/A	Closed	ICT

					security requirements for identity proofing". During the event experts explored and discussed remote identity proofing techniques, attacks and countermeasures, the technology users point of view, and delve into testing, audit and standardization.			
28	E	03-05-2022	Webinar organized by Keysight on "Setting up Your EV Battery Test Lab for Success"	<p>The global lithium-ion battery demand in electric vehicles (EVs) is growing rapidly with increasing consumer interest in EVs. More and more Gigafactories are being built around the globe to supply enough batteries to EV manufacturers.</p> <p>Thorough test laboratory planning is required to ensure efficient and reliable testing is performed.</p> <p>In this webinar the key learning were on :</p> <ul style="list-style-type: none"> <li>• EV and battery market status</li> <li>• Considerations to equip battery test lab</li> </ul>	<p>For electric vehicle (EV) manufacturers, suppliers and test facilities, intensive EV battery testing is crucial to secure an advantage over the competition in this transition to EV adoption. Efficient and reliable testing is essential for faster developments and shorter time-to-market.</p> <p>Before testing can begin, thorough test lab planning is required. There are various approaches to planning and setting up a new battery test lab – whether it’s integrated into an existing building, or set up as standardized, location-independent test units, which could offer faster product realization with lower investment.</p> <p>This webinar discussed various ways to build and equip your battery test lab. Keysight will illustrate how thorough design strategies are needed to lay the foundation of a solid laboratory to cater to future needs.</p>	N/A	Closed	Smart Mobility

				<ul style="list-style-type: none"> <li>• Battery test lab design strategies</li> </ul>				
29	E	03-05-2022	3rd Inter-National Conference on Digital Transformation & Innovations in Nex Gen Technologies Cyber Security, 5G, IOT etc. along with 3rd Inter-National Cyber Security Summit & Awards 2022	NCSAI organized conference and award for the Nex Gen Technologies	The session discussed digital transformation, innovations, new technologies as they are relevant to International Education for Skilling, employability , technological development.	N/A	Closed	ICT
30	E	04-05-2022	FTTH India Summit 2022 - 5th Edition	Bharat Exhibitions along with the Broadband India Forum organized the 5th successive edition of FTTH India Hybrid Summit 2022	The FTTH connections in India grew from 0.7 million in 2014 to 4 million in 2020, and it is forecast to reach 10 million by 2025. Covid-19 and the ensuing lockdown opened the flood gates in terms of demand for data as work from work from home (WFH) became a reality. India's data consumption at home grew at a scorching pace with demand on OTT and VoD platforms rising compared to what it was during pre-Covid times, with expectations of higher and faster growth. Acknowledging the great importance of Fiberisation to enable high-quality 'Broadband for All' initiative by the Indian Government.	N/A	Closed	ICT

31	E	04-05-2022	Webinar on “Interoperability in Cloud Computing: Opportunities and Challenges” being organized by NTIPRIT	National Telecommunications Institute for Policy Research, Innovation and Training (NTIPRIT) is a premier training institute of the Department of Telecommunications, Ministry of Communications, Government of India. NTIPRIT is a Central Training Institute (CTI) enlisted with DoP&T. NTIPRIT is organizing series of Webinars on relevant topics including latest technologies.	<p>Cloud interoperability means that data can be processed by different services on different cloud systems through common specifications. It also encompasses the possibility to use different cloud facilities to achieve diverse business goals. Another aspect of interoperability in CC Services is portability, which is the ability to move data, software, platforms and such other entities from one system to another so that it is usable on the target system.</p> <p>Nowadays, every organization/ business driving their digital transformation is increasingly moving towards cloud-based solutions. For this suitable interoperability and portability is very essential. Cloud interoperability requires shared processes, APIs, containers and data models across the multi-cloud environment to enable communication between application components.</p> <p>Cloud interoperability offers enterprises the freedom to retain their existing cloud investments while augmenting them with the benefits of new-age cloud solutions. Though it sounds exciting in theory, it is often challenging to implement, owing to the complexities around application integration for different cloud environments. Reliability, performance and security are the primary enterprise concerns for interoperability in multi-cloud environments. This Webinar brought together the panel of experts from Government, Industry and CSPs to discuss these aspects of Interoperability in Cloud Computing.</p>	N/A	Closed	ICT
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32	M	04-05-2022	Preparation Meeting for the upcoming Webinar on Cyber Security - M2M/IoT	The Proposed Webinar being organized by SESEI jointly with TEC, EU Delegation to India and InDiCo on 12th May 2022 is holding preparatory meetings for the smooth and effective organization of the webinar	During the meeting, webinar agenda was discussed and finalised along with its pending action items	Successful organization of webinar on Cybersecurity for Consumer IoT	Open	ICT
33	E	04-05-2022	DOT-TSDSI Webinar series on "IoT/M2M applications for verticals": Webinar on Utilities"	A joint webinar series on "IoT/M2M applications in key application verticals" was organized by DoT and TSDSI, to disseminate awareness among key line ministries on how IoT/M2M based technology applications can achieve efficiencies in delivery of services to end users in a cost-effective manner and motivate them to adopt such technologies.	The webinar showcased global and domestic applications, including pilots/field trials/deployments in verticals tentatively spanning transportation, Utilities, Agriculture, Health, Industry 4.0 and Smart Cities.	N/A	Closed	ICT

34	M	05-05-2022	Meeting with Mr. Enrico Maria Mayrhofer, Head of Regulatory Affairs & Executive Vice President of Piaggio Group	Mr. Enrico Maria Mayrhofer, Head of Regulatory Affairs & Executive Vice President of Piaggio Group visited India on 5th May 2022. During his visit to India, Piaggio requested meeting with SESEI to have exchange on policy and regulatory status in India.	Mr. Enrico Maria Mayrhofer, Head of Regulatory Affairs & Executive Vice President of Piaggio Group also requested SESEI to organize meetings with the important officials in India to have a discussion around electric mobility policy, regulation and standards and exchange update from Europe and explore synergies as a way forward.  SESEI organized meetings with • Mr. Sajid Mubashir from DST • Meeting with (Electro Technical Department), BIS. ETD committee of BIS is responsible for Battery and EV related standards activities.: Ms. Shikha Goyal (EDT 51), SHYAM KUMAR (EDT 11) and Priti Bhatanagar (Head of EDT) at BIS.	Follow up action items	Closed	Smart Mobility
35	M	05-05-2022	Meeting with Mr. Sajid Mubashir from Department of Science and Technology and Mr. Enrico Maria Mayrhofer, Head of Regulatory Affairs & Executive Vice President of Piaggio Group	SESEI organized a meeting between Piaggio and DST for discussion and exchange of information on issues related to Electrical Vehicle and EV batteries.	Mr. Enrico Maria Mayrhofer, Head of Regulatory Affairs & Executive Vice President of Piaggio Group sought exchange and discussion with DST around electric mobility policy, regulation and standards and exchange update from Europe and explore synergies as a way forward.  DST also used this opportunity to seek information on " light electric vehicle (2 Wheelers or autos" as they possess an on-board charger!  The light EV will charge exclusively using DC power and potentially it can be made scalable from a portable charger to large fixed fast charger stations. And they will not reach 22 kilowatts of power in any case which is the lower limit for DC	N/A	Closed	Smart Mobility

				<p>power as per the European Commission, the IEC and all standards across the world. This turns the world upside down. Standards being developed internationally for light EV but none have been published.</p> <p>The international standards community have ignored the only method of charging of light electric vehicles and ruled against it by saying that everything below 22 kilowatts is AC Charging. Is this true? issues related to dc chargers (portable &amp; as well as fixed) can work the same way and simply the infrastructure.</p> <p>During the meeting following points were exchanged.</p> <ul style="list-style-type: none"><li>- EC Mandate for 10KW Battery</li><li>- Piaggio battery has connector to avoid water leakage to avoid short circuit. Proto type shall be ready soon</li><li>- 4 Organisation in India taking care of proto type approval and guidance (ARAI, ICAT, ARCI &amp; DST)</li><li>- Honda connector design part of standards is not addressing water leakage during monsoon</li><li>- Other Battery connector type pursuing work are Chagori (Sun Mobility), TE/Tyco, Gogoro</li><li>- Indian Battery Swapping Association Member include Sun Mobility, Exicom, Hero etc.</li><li>- Gogoro connector pilot is capable for 1.1Kw, 1.7Kw and 2.5 kW (Solidstate Proligium)</li><li>- With Honda 1.2 Kw connector has safety issues</li><li>- FoX by Fraunhofer BMS is BoM expensive</li><li>- DST is open for a Joint research work on BMS</li><li>- BMS consortium shall develop a prototype</li><li>- Approach ARAI for prototype approval</li></ul>			
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					<ul style="list-style-type: none"> <li>- Take Indian Standard to IEC</li> <li>- OCCP as part of Niti Draft Policy is not a right step, may not happen</li> <li>- Prototype and BMS are welcome by DST</li> </ul>			
36	M	05-05-2022	Meeting with the Head of ETD Committee of BIS	Meeting with (Electro Technical Department), BIS along with Mr. Enrico Maria Mayrhofer, Head of Regulatory Affairs & Executive Vice President of Piaggio Group and SESEI	ETD committee of BIS is responsible for Battery and EV related standards activities. : Ms. Shikha Goyal (EDT 51), SHYAM KUMAR (EDT 11) and Priti Bhatanagar (Head of EDT) met and held discussions with Mr. Enrico Maria Mayrhofer, Piaggio Group and SESEI. The issues discussed mainly were related to Battery and EV related standards activities. Both BIS and Piaggio exchanged notes on the latest developments in India as well as Europe on EV Batteries. Point regarding Communication Protocol was raised while information BIS what & how Piaggio is handling it. Concern around Honda connector which is not symmetrical was raised, which is very important for 10KW Battery. BIS is open for input and amendment of draft Indian standard.	N/A	Closed	Smart Mobility
37	E	05-05-2022	StandICT.eu 2023 - Walk & Talk Webinar - "Emerging DLT Standards - Connecting the networks"	<p>The webinar on the Emerging DLT Standards and Networks was organized to seek information on</p> <ul style="list-style-type: none"> <li>- where we are on the roadmap to global, ubiquitous adoption.</li> <li>- Are DLTs fundamental to the world wide web of</li> </ul>	Blockchains and DLTs are foundational architectures emerging in both technical interoperability and global enterprise contexts. The expectation that distributed ledger technology can deliver peer-to-peer, trust-based services in the low-trust environment of disintermediated global digital trade is ambitious. The added expectation that DLTs also meet oversight, regulation and compliance requirements relating to multiple trade territories, nation state and federated contexts is game-changing. This is the context in which technical standards are being written.	N/A	Closed	ICT

				<p>global trade? -Does applied game theory work in cooperative multi-party enterprise? Or is the Metaverse the Tragedy of the Commons write large?</p>	<p>The global perspectives presented here, lend depth and insight into the success, opportunities and barriers to blockchain and DLT acceptance.</p>			
38	E	05-05-2022	ICRIER-KAS Webinar on "WTO 2.0 in the post-COVID World"	<p>ICRIER in collaboration with the India office of the Konrad-Adenauer-Stiftung (KAS) organized webinar on WTO 2.0 in the post-COVID World.</p>	<p>The context for the webinar is the intensifying call for reform of the WTO and the establishment of the so called 'WTO 2.0', perceived as essential for the WTO to have continued relevance in the post-COVID world.</p> <p>The webinar discussion focused on:</p> <ul style="list-style-type: none"> <li>• new areas such as e-commerce and digital trade;</li> <li>• pressing issues around environmental sustainability;</li> <li>• the TRIPS Agreement and public health; and</li> <li>• the role of trade in promoting gender equality.</li> </ul>	N/A	Closed	Generic
39	M	05-05-2022	First meeting of the Working group on IoT and 5G Use cases in Agriculture	<p>TEC Working Group on IoT and 5G Use cases in Agriculture, held its first meeting on 5th May 2022</p>	<p>Working Group on IoT and 5G Use Cases in Agriculture has been formed in TEC with the approval of the competent authority. In view of 5G ecosystem being developed in the country, it is proposed to study 5G and IoT based use cases in Smart Village &amp; Agriculture and prepare a report for the same. In this regard, the first virtual meeting of this working group was held to discuss the composition of the Working Group, Scope of Work and Terms of Reference.</p>	Continue working with TEC on this subject and contribute EU work	Closed	ICT

40	M	06-05-2022	Discussion Meeting on "Biodiversity means Business II"	<p>The EU Delegation to India along with Global Business Inroads (GBI) organized a full-day online event, on June 2nd, 2022. Under the general title "Biodiversity means LIFE", the 2021-2022 EU campaign is meant to illustrate the socio-economic benefits of adapting the EU Green Deal Strategy in India (in particular as regards biodiversity in land use, coastal areas, and green infrastructures/nature-based solutions). The "Biodiversity means Business II: Greener EU-India Supply Chains &amp; Technologies" event will wrap up the campaign, and inputs from experts and practitioners will be provided, collected, analyzed and summarized in a final end-of-campaign</p>	<p>SESEI during the conference call highlighted that;</p> <ol style="list-style-type: none"> <li>1. Technical harmonization of activities between EU and India on sustainability, Bio-Diversity and Green standards is very important.</li> <li>2. Standards will play a crucial role as already envisaged. Project SESEI (<a href="http://www.sesei.eu">www.sesei.eu</a>) is a standards visibility focused project. Considering the interest of both EU and India, Circular Economy is also a topic of interest to work on for Standards. SESEI will play an active role in bringing the synergies together on this crucial topic.</li> <li>3. SESEI will check with Project partners especially CEN-CENELEC to contribute or share during this webinar the latest around Standards activities around this topic of Biodiversity Standards.</li> </ol>	Provide assistance to have a speaker from CEN-CENELEC to make a short intervention/presentation	Closed	Energy Efficiency and Environment
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				<p>report which will be ready before the CBD COP15 in 2022 Q3.</p> <p>SESEI was approached by the Global Business Group on suggestion by Michael Bucki from the EU Delegation to India.</p>				
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44	E	12-05-2022	Webinar on “Cyber Security for Consumer IoT”.	A webinar on CYBERSECURITY for M2M/IoT was organized jointly by Telecommunication Engineering Centre (TEC), the technical arm of Department of Telecommunications (DoT) along with Delegation of the European Union to India including Project InDiCo and SESEI, on 12th May 2022.	<p><a href="#">IoT technology is being used to create smart infrastructure in various verticals such as Power Sector, Automotive, Safety &amp; Surveillance, Remote Health Management, Agriculture, Smart Homes, and Smart Cities etc. The hacking of the devices/networks being used in daily life would harm companies, organisations, nations and more importantly people, therefore securing the IoT ecosystem end-to-end i.e., from devices to applications is particularly important. An IoT network that has been compromised may result in the collapse of services, creating panic and chaos</a></p> <p><a href="#">ETSI EN 303 645, based on the earlier TS 103 645, is specifically designed for Cyber Security for consumer IoT devices and covers baseline requirements, set of security and privacy requirements and recommendations for manufacturers to implement in their products. Based on the principles available in this standard, the Code of practice securing consumer IoT has been released by TEC in August 2021. EU, UK, Australia, and some other countries are also having the similar guidelines.</a></p> <p><a href="#">To allow exchange of updates around “IoT Security: Policy Prospective, Legislation &amp; Standards”, “M2M/IoT Testing &amp; Certification: Global, Regional &amp; Local Framework” between representatives of India and Europe and to identify the next steps for the ongoing cooperation in this area. A webinar on CYBERSECURITY for M2M/IoT was organized.</a></p>	Successful organized webinar on Cybersecurity for Consumer IoT	Closed	ICT
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					<a href="#">and to safeguard and secure consumer devices, utilities, and industrial equipment.</a>			
45	E	13-05-2022	14th Meeting of Intelligent Transport Systems Sectional Committee	Chairperson and Members of TED 28- Intelligent Transport Systems Sectional Committee were invited for the 14th Meeting of the Intelligent Transport System	<p>Apart from the discussion on various action items from the previous meeting, the TED Working Group also formed sub-committees to achieve important deliverables for ITS standards in India</p> <p>One of the key deliverables is</p> <p><b>1. Study of the existing ISO standards formulated by ISO/TC 204 and share the recommendations to TED 28 vis-à-vis the ISO standards to be taken up for adoption as per the national context. SESEI is member of this sub-committee to provide update on EU work around ITS.</b></p>	Continue working with BIS TED-28 on this subject and contribute EU work	Closed	Smart Mobility
46	M	13-05-2022	Meeting to discuss Webinar on Eco-Design	Post the success of Webinar on Role of Standards & Policy in Resource Efficiency and Circular Economy Transition in India and the EU held on 21st January 2022. ECOS reached out to SESEI and EU-REI to schedule another Webinar on the Eco-Design policy and standards.	<p>The concept discussion meeting was held between Ms. Pamela Tarif, ECOS, Dr. Rachna Arora and Dr. Reva Prakash from EU-REI and SESEI team.</p> <p>We have following action items to move forward with:</p> <p>1) EU-REI discussion paper to be shared with Pamela: AP – Reva/Rachna  2) Consolidate List of NGOs active in India around Environment: AP – Priya/Dinesh/Reva/Rachna  3) Explore ECOS cooperation agreement with TERI or other relevant NGO active even if limited around Standards for Environment: Discussion to be continued as we progress with the Webinar  4) Webinar: Topic – Eco Design , Timelines – 13th or 14th July to be decided to post its discussion</p>	Follow up action items	Closed	CE/RE



					<p>and alignment in EU delegation visit agenda.</p> <p>5) Notes from Chat Window:</p> <p>a. <a href="https://toxicslink.org/Programmes/lead-paint-campaign">https://toxicslink.org/Programmes/lead-paint-campaign</a></p> <p>b. <a href="https://www.greentribunal.gov.in/">https://www.greentribunal.gov.in/</a></p> <p>c. Akhil Bhartiya Grahak Panchayat, Consumer Guidance Society of India, All India Consumer Protection Organization, The Consumers Eye India, United India Consumer's Association, Grahak Shakti, Coordinated Action of Consumer &amp; Voluntary Organizations, Consortium of South India Consumer Organizations (COSICO), Consumer Awareness, Protection and Education Council (Cape Council), Consortium of South India Consumer Organizations (COSICO).</p> <p>d. Other Organizations: Toxics Link, TERI, iForest, CSTEP, CSE</p> <p>6) Next call sometime in first week of May, complete doodle poll please <a href="https://doodle.com/meeting/organize/id/eIY7En7a">https://doodle.com/meeting/organize/id/eIY7En7a</a></p>			
47	E	13-05-2022	Guest lecture at E&ICT department of NIT Warangal, Telangana, India	SESEI was invited to deliver a lecture for the proposed faculty FDP on Applications of AI in Wireless Communication and Sensor Networks	SESEI expert was invited by E&ICT Academy of NIT Warangal and ECE Department of RajaRajeswari College of Engineering, Bangalore to give a lecture on Standards work around AI. SESEI expert used this opportunity and gave a presentation on "European/Global Standards in AI for Wireless Communication and Sensor Networks".	N/A	Closed	ICT
48	M	17-05-2022	Virtual meeting of Working Group (WG) on "Security by design	The latest version of the draft document on Security by Design document was circulated to all the members. It is also	As per the suggestions given by the SESEI (Mr. Dinesh Sharma) suggested some changes in the order of the content in various phases which was agreed by the members.  SESEI (Mr. Dinesh sharma) also suggested that NTC	Continue working with TEC and finalize the document	Closed	Cyber Security

			<p>Principles in M2M device manufacturing and National Trust Center for certification of M2M devices and applications”</p>	<p>updated that as a part of the Security by Design Document following two documents have been released:</p> <ol style="list-style-type: none"> <li>1. Code of Practice for Securing Consumer Internet of Things (IoT)</li> <li>2. Framework of National Trust Centre for M2M/IoT Devices and Applications</li> </ol> <p>These document are available at <a href="https://www.tec.gov.in/M2M-IoT-technical-reports">https://www.tec.gov.in/M2M-IoT-technical-reports</a></p> <p>During the meeting of the Working Group comments and suggestions received from the members for finalization of the document were discussed in detail.</p>	<p>should establish connectivity with the related CERTs for synchronization of data. On this DDG(IoT) updated that there are already existing guidelines for sharing of data with CERTs. Mr. Aseem Jakhar suggested to contact with other CERTs so that process of sharing the information may be automated. DDG(IoT) requested to give inputs in track-change mode. SESEI (Mr. Dinesh Sharma) suggested circulating a clean copy and discussion only if written comments are received. He also suggested finalizing the document at the earliest for further implementation of the NTC. Any further requirement may be incorporated in the Security by Design document in progress.</p>			
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49	M	18-05-2022	First Meeting of the Sub-committee on Ease of Doing Business organised by FICCI – ICT & MM Division	ICT & MM division of FICCI constituted a sub-committee on the Ease of Doing Business, specifically concerning ICT sector. SESEI was invited to participate in the meeting and give inputs on the various issues concerning market access which are obstacles for the Ease of Doing Business.	<p>A detailed note based on the preliminary suggestions and comments received from members was prepared for sending written representation to the Ministry on the various issues concerning various Ministries for Ease of Doing Business.</p> <p>Important issues such as</p> <ol style="list-style-type: none"> <li>1. Foreign Trade Agreements (FTA) and Mutual Recognition Agreements (MRA)</li> <li>2. Products that are already under Compulsory Registration Order (CRO) should avoid certification requirements and duplication of testing.</li> <li>3. On 22nd September 2021, Mandatory Testing and Certification of Telecom Equipment (MTCTE) proposed the 3rd and 4th phases of MTCTE leading to duplication of the efforts</li> <li>4. Under Compulsory Registration Order (CRO), provisions should be enabled for parallel testing of the components and sub-assemblies for products.</li> </ol> <p>During the meeting above issues were discussed in detail.</p>	N/A	Closed	Generic
50	M	19-05-2022	TEC Virtual meeting of working group on Smart Grid	The virtual meeting of the Working Group was held to discuss the Draft document on “IoT and 5G applications in Smart Grid”	Inputs/Comments received from working group members were discussed during the meeting.	Continue working with TEC on this subject and contribute EU work	Closed	Electrical Equipments including consumer electronics

51	M	20-05-2022	Virtual meeting of the TEC Consultative Committee for adoption of oneM2M Release 3 specifications to discuss and finalize its draft report	TEC organizes regular meetings of Consultative Committee to discuss the adoption of oneM2M Release 3 specifications	<p>A meeting of Consultative Committee (for adoption of oneM2M Release 3 specifications) scheduled on 20th May 2022 was held to discuss and finalize the draft report of this committee. This draft report contains details of the discussions held during the meetings of CC, public comments received from the organizations, brief of oneM2M standards and interworking, final recommendations and related annexures.</p> <p>During the meeting, suggested changes/ modifications/ inputs, especially on Section- 11 (Summary and Recommendations), related annexures were discussed in detail.</p>	Continue working with TEC on this subject	Closed	ICT
52	M	20-05-2022	IET Future Tech Panel meeting of the Working Groups and their members	IET Future Tech Panel hosted a meeting of all its Working group's for charter presentation and networking meeting. This meeting was held in the hybrid mode.	<p>During the meeting, all the working group Chairs and Co-Chairs present the charters of their respective teams in the presence of their members.</p> <p>Standards, legal and regulatory WG charter presentation and update on work done/ongoing by Dinesh Chand Sharma, Chair SLR WG, Director, Standards Public Policy, EU Project SESEI.</p>	Continue working as a member of Standards, legal and regulatory WG	Closed	ICT
53	E	23-05-2022	CEN and CENELEC stakeholder workshop on Standards for Climate: Uptake of nature-based solutions in	CEN CENELEC organized the webinar on Standards for Climate: Uptake of nature-based solutions in urban and rural areas on 23 May 2022. The event attracted attendees from all over the globe	<p>The consequences of climate change are increasingly felt across the world. Nature-based solutions, which consists of using natural resources to tackle environmental and climate challenges, have an enormous (and still relatively unexplored) potential to reduce the negative impacts, while simultaneously providing environmental, social, and economic benefits and helping build resilience.</p> <p>CEN and CENELEC are strongly committed to</p>	N/A	Closed	Energy Efficiency and Environment

			<p>urban and rural areas</p>	<p>to discuss the development of new standards to support the uptake of nature-based solutions in urban and rural areas and achievement of global climate and environmental objectives.</p>	<p>contributing to the achievements of the Paris Agreement and the UN SDGs supporting the international climate agenda, as laid out in the London Declaration signed by the standardization community early 2022. Standardization has a key role to play in reinforcing a wider uptake of nature-based solutions in urban and rural areas, by providing tools to key players to achieve a successful green transition and supporting European policy ambitions for a greener and climate neutral European economy.</p> <p>To fully comprehend and benefit from the multiple potentials of nature-based solutions in tackling environmental challenges, European stakeholders need standards that can provide a common approach that enables trust, quality and coherence across sectors and applications.</p> <p>For this reason, CEN and CENELEC organized an online stakeholders' workshop to identify the cross-sectoral gaps and opportunities for the development of new standards to support the uptake of nature-based solutions in urban and rural areas and achievement of global climate objectives.</p> <p>The exchanges focused on 3 priority areas for European standardization:</p> <ul style="list-style-type: none"> <li>- Green &amp; Blue Infrastructure</li> <li>- Construction &amp; Building</li> <li>- Land-use &amp; Soil</li> </ul>			
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54	I	04-04-2022	Discussion on Technical requirements for a possible future phase of SESEI	SESEI Steering Committee was held to discuss the technical proposal for possible future phase of SESEI	SESEI was invited for the meeting to provide technical inputs and other information based on the SESEI IV experience, milestones, objectives and achievements and SESEI-IV Survey.	N/A	Closed	Generic
55	M	05-04-2022	13th meeting of Interconnection and Information exchange among IT equipment and systems of the BIS	13th meeting of Interconnection and Information exchange among IT equipment and Systems Sectional Committee, LITD 13 in joint session with 14th meeting of panel for mobile phones LITD 13/ P1 of the BIS	The main agenda of the meeting of the 13th meeting of Interconnection and Information exchange among IT equipment and Systems Sectional Committee, LITD 13 was as under; 1. Confirmation of the Minutes of the previous meeting 2. Composition of Sectional Committee 3. Present Scope and Technical Work Program of the Committee 4. Review / Reaffirmations of Published Indian Standards 5. International Activities 6. Any other business	Continue working with this technical committee of BIS	Closed	ICT
56	M	06-04-2022	Preparatory Meeting of the proposed Webinar on Cyber Security for Consumer IoT	A Webinar is being planned on the standards and legislation in the realm of Cyber Security for Consumer IoT. This Webinar will jointly be organised by EU Project IndiCo (for ICT Standards) and Project SESEI, under the aegis of Department of Telecommunication, Telecom Engineering	<b>During the meeting following agenda items were discussed:</b>  1) Date of the Webinar has been postponed due to unavailability of TEC Official. The Webinar will now be held on 12th May 2022. 2) Draft Speaker invites and High-level agenda with background note revised and shared will all members 3) Webinar Practice Session - Partners agreed to hold this session during the next follow-up call. 4) Update registration Link with additional information covering, organization, address, designation etc.	Successful organization of webinar on Cybersecurity for Consumer IoT	Open	ICT

				Centre, and EU Delegation to India.	5) Draft delegate Invite: Enclosed, to be reviewed & updated. Once date is finalized, update it and send it as an invite to respective contact list. 7) Excel Tracker for Speaker for follow-up: Draft Tracker enclosed. 8) Update the working file of agenda with speaker names and designation: 9) Webinar Description review and approval. Description details are available in registration link			
57	M	08-04-2022	Discussion on organizing a Hackathon by the PwD Committee of the Broadband India Forum (BIF)	SESEI is the Co-Chair of the BIF Committee on ICT Inclusion for the PwD's. A meeting of the Committee was held to discuss the concept note on the proposed hackathon.	SESEI along with the Co-Chair Ms. Karisma from Microsoft drafted a concept note for the Hackathon. The same was discussed during the meeting seeking comments / inputs from other members. It was also agreed that the proposal will be submitted to the India-EU ICT Standardization Collaboration project.	Successful organization of a Hackathon on assistive technologies	Open	ICT
58	M	12-04-2022	Meeting with Dr Michael Bucki, Counsellor, EU Delegation to India	A meeting was held with Counsellor, EU Delegation to India.	During the meeting SESEI shared updates around Project activities and its achievement. Post meeting as agreed following information were also shared. Meeting was planned and conducted to have a synergy of Project SESEI with other ongoing EU-INDIA Project under his leadership. - SESEI IV Survey report (enclosed) - ECOS: ECOS, Environmental Coalition on Standards, is an international NGO with a network of members and experts advocating for environmentally friendly technical standards, policies, and laws.- <a href="https://ecostandard.org/">https://ecostandard.org/</a> - Interim Report (enclosed) - Report on Smart City and Mobility as released by SESEI <a href="https://sesei.eu/sesei-iv-project-priority-sector-reports/">https://sesei.eu/sesei-iv-project-priority-sector-reports/</a> , we also produced Quarterly	N/A	Closed	Generic

					<p>Report, Special Report for India and Europe and they are available at <a href="https://sesei.eu/knowledge-base/sesei-reports/">https://sesei.eu/knowledge-base/sesei-reports/</a></p> <ul style="list-style-type: none"> <li>- SESEI Contact data base covering EU in India-Projects &amp; Embassy (enclosed)</li> <li>- Indian National Strategy for Standardisation (INSS), Standards National Action Plan (SNAP), update of BIS ACT, Rules and Conformity Assessment regulation</li> <li>- 12 Champions Sectors in Services are part of INSS and they are in the areas of Information Technology and Information Technology Enabled Services (IT &amp; ITeS), Medical Value Travel, Transport and Logistics Services, Tourism and Hospitality Services, Accounting and Finance Services, Audio Visual Services, Communication Services, Legal Services, Construction and Related Engineering Services, Environmental Services, Financial Services and Education Services.</li> </ul>			
59	M	13-04-2022	Meeting of the BIF Committee on ICT for Inclusive Ability (PWD)	A meeting of the BIF Committee on ICT for Inclusive Ability (PWD)	<p><b>The main highlights of the meeting are as under;</b></p> <ol style="list-style-type: none"> <li>1. Concept note on possibility of organizing a Hackathon on assistive technologies developed by Ms. Chhabra, SESEI and with inputs from Dr. Nirmita, the note has been circulated for discussion.</li> <li>2. Members present in the meeting gave their feedback to take this forward in terms of funding, Partner organizations, Timelines etc.</li> <li>3. For funding one of the options is EU-India ICT Standardization collaboration being coordinated by Mr. Arun Mukarji, BIF from India side with TSDSI &amp; ETSI as the partners. A proposal will have to be</li> </ol>	Continue working as Co-Chair of the BIF Committee on ICT Inclusion for the PwD's and promote EU work around Accessibility	Closed	ICT



					<p>submitted to them and if they see a synergy, they could be one of the stake holders.</p> <p>4. MeitY, USOF should also be approached with similar proposal for funding.</p> <p>5. Also agreed to have an advisory Committee /Council comprising of members from NGO's to seek their views / expertise in the matter.</p> <p>6. An update on the proposed Study report by DEF on "How Digital enablement works, impacts and builds independence, confidence and resilience amongst People with Disability</p> <p>SESEI proposed that one comprehensive proposal should be prepared inclusive of Study reports/White Papers/Research Papers ; Hackathon, Incubation center etc. This will enable to have a broader estimate of funding as one activity and take the funding one time from the supporting organizations instead of going back to them for each activity separately</p>			
60	M	13-04-2022	Preparatory Meeting of the proposed Webinar on Cyber Security for Consumer IoT	The preparatory Committee for the webinar on Cyber Security for Consumer IoT organizes catchup calls every week for organizing the webinar.	During the meeting all the action items and logistics for the meeting were discussed and revised/ updated.	Successful organizing webinar on Cyber Security for Consumer IoT	Open	ICT

61	M	14-04-2022	Meeting with EU REI and ECOS to discuss the possibility of another webinar on Circular Economy and Resource Efficiency	Post the success and response received on the webinar on RE/ CE Standards, ECOS – the Environmental Coalition on Standards approached SESEI with a possibility to collaborate for another webinar and also seek update on the Indian stakeholders interested in working with ECOS.	Dr. Rachna and Dr. Reva Prakash from EU REI joined the meeting along with Ms. Pamela Tarif from ECOS and SESEI. The main discussion of the meeting and the action items agreed are as under; 1. It was agreed to organize another webinar in the series on the RE/ CE Policies and standards 2. EU-REI discussion paper to be shared with Pamela: AP – Reva/Rachna 3. Consolidate List of NGOs active in India around Environment: AP – Priya/Dinesh/Reva/Rachna 4. Explore ECOS cooperation agreement with TERI or other relevant NGO active even if limited around Standards for Environment: Discussion to be continued as we progress with the Webinar 5. Webinar: Topic – Eco Design, Timelines – 13th or 14th July to be decided to post its discussion and alignment in EU delegation visit agenda.	Successful organization of Webinar on CE/RE	Closed	CE/RE
62	E	19-04-2022	SBS webinar on EU Standardization Strategy - Reinforcing Europe's role in global standards-setting,	Small Business Standards – The European association representing SMEs in standardization organized a webinar on the topic "EU Standardization Strategy - Reinforcing Europe's role in global standards-setting"	The new Standardization Strategy presented in February by the European Commission is a vital opportunity for an increased role of SMEs in standardization and outlines a series of crucial measures regarding the role of standards in promoting EU sovereignty and the governance and inclusiveness of the European standardization system.  <ul style="list-style-type: none"> <li>• How can SMEs thrive in a new, improved and more inclusive European standardization system?</li> <li>• How can Europe become a true global “standards-setter”?</li> </ul>	N/A	Closed	Generic

63	M	21-04-2022	Preparatory Meeting of the proposed Webinar on Cyber Security for Consumer IoT	The preparatory Committee for the webinar on Cyber Security for Consumer IoT organizes catchup calls every week for organizing the webinar.	During the meeting all the action items were discussed, and revised/ updated agenda and other documents were shared with the partners for action.	Successful organizing of webinar	Closed	IoT
64	I	21-04-2022	Catch Up Call with Eric Marchand, CENCENELEC	Regular Follow-up call	During the call following items were discussed: - BIS Training Plans - CEN-CENELEC views on future extensions	N/A	Closed	ALL
65	E	25-04-2022	DoT-TEC-TSDSI joint workshop on 5G Advanced and beyond (6G), including for IMT for 2030	As part of the ongoing activity for adoption of 3GPP Release 18, DoT along with TEC and TSDSI conducted a workshop on 5G advanced and beyond (6G) for IMT 2030.	As a part of this workshop, deliberations were held with TSDSI members/ 3GPP IMs with inputs from other stakeholders on potential areas of interest for contributions for 5G Advanced and beyond (6G).  TSDSI members/3GPP IMs made presentations on their areas/topics of interest in the following broad areas: 1. 3GPP Release 18 RAN, SA or CT Topics 2. ITU-R WP5D – IMT for 2030 – Vision, Technology Trends, etc. 3. Any other related topics with 5G Advanced and 6G.  Chairs of 3GPP TSGs RAN, SA, and CT have also been invited to provide an overview of Release 18 topics and share their thoughts.	N/A	Closed	ICT
66	E	26-04-2022	Digital Bharat 2022	FICCI organized the 2022 edition of “Digital Bharat” on	Pandemic has increased the pace of digital transformation across industry verticals, and the technical and digital power of the nation will be a	N/A	Closed	ICT

				<p>26th &amp; 27th April 2022.</p> <p>critical factor for moving forward while keeping up with the pace with the rest of the world.</p> <p>In this new post COVID world, organizations, as well as Government departments, are rethinking enhancing the current role of digital technology in their overall strategy. The correlation between Remote Working, Emerging Technologies, ICT Solutions, and their relationship with the Ecosystem created by Digital India is the key to success.</p> <p>In the mix of all this rapid growth in the IoT, Smart Devices, and Multi-Devices Systems will also pave the way for the next phase of Digital Transformation of our country. Understanding this and further facilitating a cross-sectoral discourse on harnessing the power of digital technologies for the nation, FICCI organized the 2022 edition of “Digital Bharat” on 26th &amp; 27th April 2022.</p> <p>The prime objective of this initiative was to understand and recommend policy approaches in the larger interest of the society to meet the objectives laid out under the Digital India programme.</p> <p><b>Topics of Discussion:</b></p> <ul style="list-style-type: none"> <li>- Celebrating the Digital Transformation Journey of India</li> <li>- Innovation and digital transformation for society - Technology for Good</li> <li>- The Age of Cloud - Infrastructure as A Service -</li> </ul>			
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					<p>Need of the Hour</p> <ul style="list-style-type: none"> <li>- Expanding Digital India with IoT, Smart Devices, and Multi-Devices Ecosystem</li> <li>- New Age Technologies Enabling the Expansion and Growth of the Digital Economy of India</li> </ul>			
67	E	26-04-2022	EBG & MTaI Joint Webinar: Strengthening India - European Union bilateral relationship in healthcare	Medical Technology Association of India - MTaI in collaboration with the European Business Group India (EBG) organized a webinar on 'Strengthening India - European Union bilateral relationship in healthcare'.	The event aimed to boost India's trade relationship with EU members. The event was addressed by esteemed panellists, who included policy makers from the government, leaders from the MedTech industry and representatives from Embassies.	N/A	Closed	Generic
68	M	27-04-2022	SESEI & Piaggio meeting	Meeting to discuss Battery Swap Standards activities in India	<p>Meeting was requested by Piaggio office to discuss the policy and standards activities in India around Battery Standards. Following input as shared prior to call were discussed and way forward agreed to work on it. SESEI has organised meetings with DST, BIS during the visit of Head of Regulatory from Brussels who is visiting India with his president on 5th May.</p> <p>Thanks for bringing up this topic for discussion with BIS as it is timely in view of draft Niti Aayog BATTERY SWAPPING POLICY open for comments while keeping below provision around standard on it. Suggest the consortium to review and submit comments which are open until 5th June 2022. Last Year Department of Science &amp; technology also released a report on Indian Standards for Electric Vehicle Charging Infrastructure as enclosed and</p>	Work with Piaggio on Battery related standards activities and support it.	Closed	Automotive

				<p>you will see that the report says that standard on Light EV Battery Swap Communication Interface have been drafted by ETD51. To take this discussion forward, I will have to check with DDG Standards and Head of ETD department for this meeting and discussion. Along with BIS, we may also need to meet the DST team/officers taking care of its standardization as well. Let's have a call among us to decide the steps and way forward on it – I am available on this Tuesday except 2-3, Wednesday anytime, Thursday 2:30 to 3:30, Next week Wednesday, Friday anytime.</p> <p>Standardization: The Bureau of Indian Standards (BIS) is readying the standard for battery swapping. As per the policy, Standards approved or defined by BIS shall be implemented for the electric vehicle, battery safety requirements, Degrees of Protection (IP-code) of electrical equipment against foreign objects, technical specification of cables and connectors, and traction battery safety requirements.</p> <ul style="list-style-type: none"><li>- Batteries shall be tested and certified as per AIS 156 (2020) and AIS 038 Rev 2 (2020) standards for safety of traction battery packs, as well as additional tests that may be prescribed for swappable batteries which are subject to multiple coupling/ decoupling processes at the connectors.</li><li>- Compatible electric vehicles shall be tested as per relevant regulatory standards. For EVs with swappable battery functionality, vehicle OEMs shall be required to get ARAI approval for their vehicles to accept interoperable swappable</li></ul>			
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				<p>batteries.</p> <ul style="list-style-type: none"><li>- To ensure safe and cost-effective infrastructure for charging and swapping of EV batteries, standards for BCS and BSS will be developed or approved by BIS/ Ministry of Power (MoP) or other competent authorities</li><li>- To ensure stability and security of data, standards for the communication infrastructure (protocols, technology) must be adopted. Standards for communication between battery &amp; vehicle controller, battery &amp; charger, battery &amp; energy operator server will be defined or approved by BIS. To encourage “back-end” interoperability in the battery swapping ecosystem, an open standard communication protocol such as OCPP may be adopted, which must allow switching of networks.</li><li>- Support enabling technologies, which promote standardization, interoperability, safety and improve communication among stakeholders (including EV users where applicable). This would include providing access to real-time data on battery statistics like charge levels and range, discovery of nearest swapping stations as well as seamless options to book and pay for the services through multiple modes.</li><li>- Central and state nodal agencies will be appointed to facilitate coordination among stakeholders, grievance redressal, dispute resolutions, and to ensure compliance with the policy, regulations, standards, and guidelines.</li></ul> <p>Work on battery standards is carried out by following TCs:</p>			
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					<p>- ETD 11:Secondary Cells And Batteries - responsible for developing standards for all rechargeable cells and batteries (starter batteries, stationary batteries, traction batteries etc.)</p> <p>- ETD 51:Electrotechnology in Mobility – responsible for Interoperable Battery Swap System for Light EV</p>			
69	E	28-04-2022	EU-Republic of Korea cooperation workshop on IoT and Smart Cities	<p>The workshop on IoT and Smart Cities is organized with the support of the European Commission DG CONNECT and ETSI from Europe, and the support of the MSIT, the MOLIT and TTA from the Republic of Korea.</p>	<p>Cities are leveraging on the new capabilities of fixed and 5G mobile communications technologies and the latest innovations in the field of IoT. Opportunities are now endless in a wide range of application domains such as smart mobility, smart tourism, smart water and smart energy management for Cities. Ensuring interoperability, sustainability, and affordability of these new systems and devices is critical to their success and worldwide adoption but it is also crucial to ensure privacy, security, and safety for all users.</p> <p>In this context, the EU and the Republic of Korea are committed to further strengthening and broadening their cooperation in the field of Digital Communications and Emerging Technologies. They confirmed their interests in strengthening cooperation on IoT and Smart Cities by supporting the exchange between experts from the Republic of Korea and Europe in this domain, with a view to understand the respective policies and explore the possibility for cooperation and alignment between the Republic of Korea and Europe. The objective of this workshop was to share the European and the Republic of Korea’s approaches related to IoT and Smart Cities innovation programs and standards.</p>	N/A	Closed	Smart cities/ICT



					<p>The workshop covered topics in the following areas:</p> <ul style="list-style-type: none"> <li>• Policy Initiatives and Vision for IoT and Smart Cities</li> <li>• Technology, Standards and Use Cases for IoT and Smart Cities</li> <li>• EU-Republic of Korea possible cooperation on Use Cases and Data Interoperability</li> </ul> <p>Speakers at the workshop from the EU and the Republic of Korea represent public authorities, regulatory and supervising bodies, standard-setting bodies, implementation bodies, as well as industry representatives.</p>			
70	E	29-04-2022	FICCI 5th Smart Cities Summit and 3rd Smart Urban Innovation Awards	5th Edition Smart Cities Summit and 3rd Edition Smart Urban Innovation Awards (Virtual Conference and Awards) Theme: Enabling Urban Transformation beyond India@75	<p>FICCI organized the 5th Edition of Smart Cities Summit Theme: Enabling Urban Transformation beyond India@75 along with the 3rd Edition of FICCI Smart Urban Innovation Awards (Virtual) on 29th April, 2022.</p> <p>The Key Highlights of the :</p> <ul style="list-style-type: none"> <li>• Industry Interaction with Municipal Commissioners/ Smart Cities Commissioners and CEOs of ULB</li> <li>• Smart Infrastructure and Mobility</li> <li>• Green and low carbon cities</li> <li>• Sustainable water, environmental monitoring, and waste management</li> <li>• Enhancing cyber security and data privacy</li> <li>• Enabling disruptive solutions for smarter cities</li> <li>• Integrated ICT and geospatial technologies for safe cities</li> <li>• Augmenting sustainability, accessibility, and</li> </ul>	N/A	Closed	Smart cities/ICT

					<p>livability</p> <ul style="list-style-type: none"> <li>• Institutionalizing mechanism for exchange of ULB experience/expertise across smart cities ecosystem</li> </ul> <p>Mr Kunal Kumar, Joint Secretary and Mission Director (Smart Cities Mission), Ministry of Housing and Urban Affairs, Govt. of India Inaugurated the Awards Ceremony.</p>			
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### SESEI-IV: Queries

Sr. No.	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
1	22-Jun-22	<p>Hi Dinesh,</p> <p>I hope you're keeping well. A colleague of mine in DCMS is leading our work on cybersecurity and privacy of apps and app stores, and I wondered if you were aware of any similar work happening in India?</p> <p>If so, it would be great to connect the relevant colleagues.</p> <p>Best wishes,</p> <p>James</p>	James Deacon <james.deacon@dcms.gov.uk>	ICT	Department for Digital, Culture Media & Sport	<p>Dear James,</p> <p>In November 2021, the government's National Security Council Secretariat (NSCS) has kicked off a project, called 'Indian Citizens Assistance for Mobile Privacy &amp; Security (I-CAMPS)' to identify privacy and security issues in the mobile ecosystem in India and prevent cyber frauds due to application and device vulnerabilities and unsafe user habits. Under the project, the NCSC will create a technology platform with a mobile application and desktop site to support Indian citizens and help them mitigate the vulnerabilities in their mobile handsets due to certain operating system versions, pre-installed apps or any other app available in app stores.</p> <p><a href="https://www.icamps.in/home">https://www.icamps.in/home</a></p>	Email Query	Closed

3	20-May-22	Provided policy & standards updates around e-SIM in Europe	Gajendra Upadhyay Editor, Voice & Data	ICT	Voice & Data <a href="https://www.vicendata.com">https://www.vicendata.com</a>	Hi Gajendara,  Please find enclosed updates around e-SIM.  Warm Regards,	Email Query	Closed
3	19-May-22	Prepared and shared a short report on 5G and Small Cells in Europe	Gajendra Upadhyay Editor, Voice & Data	ICT	Voice & Data <a href="https://www.vicendata.com">https://www.vicendata.com</a>	Hi Gajendra,  A short report on 5G and Small Cells in EU is enclosed.  Also as you may know, In January 2022, a report titled "Paving the way for 5G readiness in India: A guide for effective policymaking on small cell deployment" was released by GSMA. Report covers status of Small Cell Deployment in India, initiatives across the globe (including European Union initiative), identify key bottlenecks including Right of Way permissions, and suggest the way forward for consideration by policy makers.  Warm Regards,	Email Query	Closed

4	24-Apr-22	<p>Dear Dinesh, Reference our discussions, Voice&amp;Data will feature a story from the Operator's perspective in India.</p> <p>Appreciate your thoughts and inputs on this.</p> <p>EUROPEAN STANDARDS on OPENRAN</p> <ol style="list-style-type: none"> <li>1. OpenRAN as a concept is believed to have been started by Vodafone and European Operators — can you kindly share some more details on the history of this.</li> <li>2. What is the current deployment status of OpenRANs in European countries, operator wise</li> <li>3. What are the benefits seen by operators</li> <li>4. The OpenRAN standards are also driven partly by 3GPP and the ORAN alliance. Can you share some of the key standards developments</li> <li>5. Please connect me to or share the names of one or two from the European community who can speak and throw more light from the vendor / operator</li> </ol>	Gajendra Upadhyay Editor, Voice & Data	ICT	Voice & Data <a href="https://www.vicendata.com">https://www.vicendata.com</a>	<p>Hi Gajendra,</p> <p>You can use the enclosed consolidation on the subject.</p> <p>Warm Regards,</p>	Email Query	Closed
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		<p>perspective on this</p> <p>Appreciate if you can try and send the inputs (even if in parts as you get them) by mid of next week, Wed/Thurs/Fri latest</p> <p>With regards, Gajendra Upadhyay Editor, Voice &amp; Data <a href="https://www.voicendata.com">https://www.voicendata.com</a></p>						
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