

Annexure 2

Activity Tracker & Queries for the period of 'April-June 2020'

Quarterly Report No. 4

Sr. No.	Description	Total Until now	In Last quarter
1	External Meetings	115	31
2	Internal Meetings	37	7
3	Events/Seminar/Workshop/Roundtable	87	37
	Total	239	75
4	No of Queries	44	11

SESEI-IV

Monthly Activity Update : April, May, June 2020

Sr. No	CA T	Date	Meetings/Events:	Subject:	Outcome:	What Next	Status	Sector
1	M	02-04-2020	BIS ICT Ref. Arch. Working Meeting	LITD-28-P6-ICT-RA WG meeting to discuss ICT Reference Architecture	<p>BIS WG from Electronics & IT department responsible for defining the standards for ICT Reference Architecture for the Smart Cities was reconstituted and held its first meeting to discuss the ToR and Scope of its deliverables. SESEI is also a nominated members to it and contributing EU work on the subject.</p> <p>Goals, Objectives & Conceptual Model a) Summarize stakeholders and their concerns. b) Derive the characteristics of the ICT RA. c) System Model capturing essentials of the system and the environment it is embedded in</p> <p>Reference Architecture: Components Reference Architecture Model</p> <p>Appendix: Stakeholders & Concerns Tabulate the stakeholders and their concerns</p> <p>City Digital Sensing System Functional View: What functions it provides?</p> <p>Operational View: What ICT RA characteristics it needs to have?</p> <p>Technology View: Technology choices to achieve/implement the characteristics based on Stakeholder concerns</p> <p>Information View: Data models, Data criticality, Provenance, Non-reputability, Confidentiality etc.</p> <p>E-Governance Functional View: What functions it provides?</p> <p>Operational View: What ICT RA characteristics it needs to have?</p> <p>Technology View: Technology choices to achieve/implement the characteristics based on Stakeholder concerns</p>	Continue working with WG and contribute EU Work in it	Open	Smart Cities

				<p>Information View: Data models, Data criticality, Provenance, Non-reputability, Confidentiality etc. GIS Functional View: What functions it provides? Operational View: What ICT RA characteristics it needs to have?</p> <p>Technology View: Technology choices to achieve/implement the characteristics based on Stakeholder concerns Information View: Data models, Data criticality, Provenance, Non-reputability, Confidentiality etc. City Government Collaboration Systems Functional View: What functions it provides? Operational View: What ICT RA characteristics it needs to have?</p> <p>Technology View: Technology choices to achieve/implement the characteristics based on Stakeholder concerns Information View: Data models, Data criticality, Provenance, Non-reputability, Confidentiality etc. Appendix: Example SOPs End-to-End SOPs, Identify all the systems involved, define their interactions, data exchanges, services used, authorization, authentication needs, reliability, Key agents and stakeholders etc.</p> <p>Appendix: Use Case: Smart Mobility Appendix: Use Case: Environmental Monitoring Appendix: Use Case: Solid Waste Management Appendix: Use Case: Emergency Services Appendix: Use Case: Egovernance Services Identify all the systems involved, define their interactions, data exchanges, services used, authorization, authentication needs, reliability, key agents and stakeholders etc. Appendix: Rationale Explain the reason behind some key choices. What other options were considered Appendix: Data Models/Dictionary Need for standardization of</p>			
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					<p>data models. Examples of data dictionary and data model Appendix: Data Layer and Exchange Need and example data layer architecture and data exchange standard Appendix: Naming Standards Need for standardization of naming. Naming and identity of Assets, Spaces, Devices, Service providers, Systems, People Appendix: Interface Standards Need and example of interface standards. Identify potential interfaces that can be standardized</p> <p>Appendix: National Digital Initiative and Policy Key points from NGIP and its implication for ICT RA Overall Document Integration and Preparation https://docs.google.com/spreadsheets/d/1i4Qo10bgUymeekRU9D5LYWfSBAJVRZvQtP-2wcZUdps/edit?usp=sharing</p>			
2	E	15-04-2020	Discussion with Mr. Sanjeev Sanyal, Principal Economic Adviser, Ministry of Finance, Government of India	European Business Group (EBG) organised a discussion meeting with Mr. Sanjeev Sanyal, Principal Economic Adviser, Ministry of Finance, and Government of India, primarily to discuss the impact of	Webinar with Mr. Sanjeev Sanyal, Principal Economic Adviser, Ministry of Finance, Government of India on the topic CoVID-19 and its impact on doing business in & from India was organised by EBG for its members. SESEI participated in the webinar as it provided information on the roadmap for the trade and business between India and Europe during and post Covid - 19 pandemic.	N/A	Closed	Generic

				Covid 19 on doing business in & from India.				
3	M	16-04-2020	Con Call of Working Group on "Security by design principle and National Trust Center on IoT"	Working Group on "Security by design principle and National Trust Center on IoT" is working on finalisation of draft document on IoT security. SESEI is a member of this Working Group of TEC.	Security by design principle and National Trust Center on IoT is a working group of TEC, specifically focused on the standardisation of security challenges in IoT and M2M in India. SESEI is a member of this working groups of TEC and participates regularly in the working group meetings to contribute. During the call, TEC informed that TEC has prepared a draft document based on the study of related document released by international organizations such as NIST, ETSI, ISO/IEC JTC1, ITU-T SG20 etc. Inputs/Comments received from members were discussed during the call.	Continue working with TEC on this subject	Closed	ICT

4	E	16-04-2020	Webinar : e-Bus Adoption and Integration: Lessons from Europe and Middle East	pManifold Business Solutions Pvt. Ltd. organized a webinar on " e-Bus Adoption and Integration: Lessons from Europe and Middle East" as part e-Mobilogues series.	<p>India is reported to have 350+ e-Buses plying on roads as of 2019, contributing ~0.2% to the State Transport Undertakings (STUs) fleet of ~1,36,000 buses. These early deployments are supported through the combination of subsidies from Centre (FAME-I) & State. The Government has sanctioned 5000+ e-Buses in 64 cities for intracity & intercity operations in next 3 yrs. However, there are still several barriers that are holding back STUs in India for more aggressive adoption, including – high upfront cost; technology apprehension; limited end of life performance data available; lack of debt financing; limited experience of OEMs suppliers in India; limited Operators (outside e-Bus OEMs) to run and manage e-Buses for STUs; evolving e-Bus contracting models; limited exposure to e-Buses planning, procurement, operations & maintenance, charging infra setup and operations, integration with legacy fleet; and others.</p> <p>This webinar, 2nd in the e-Mobilogues series, brought global experts sharing their experiences from Europe & Middle East and answer the following questions:</p> <p>a. How has been their experience in e-Bus deployments/ early assessments and with what benefits?</p> <p>b. What global best practices can be adopted by Indian STUs/ Transport Authorities for e-Buses induction & integration?</p> <p>c. What planning/ decision matrix support is being provided to Transport Officials/ Government in overall e-Bus Strategy?</p> <p>d. What considerations for Cities/ STUs to procure and integrate e-Buses appropriately?</p> <p>The recording of the webinar is available here</p>	N/A	Closed	Automotive
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5	M	21-04-2020	Con-call Meeting of WG on Future Communication Technologies in IoT domain	A conference call of Working Group on "Future Communication Technologies in IoT domain" was organized to discuss the proposed template for the report.	TEC is working on a Technical Report on Future Communication Technologies in IoT domain. TEC has already released a Technical Report on Communication Technologies in M2M/ IoT domain in 2017 (available on tec.gov.in/technical-reports/). A dedicated WG on Future Communication Technologies in IoT domain will study the emerging technologies which have not been covered in the previous report such as 5G, BLE mesh, etc. SESEI being a member of WG regularly participates in TEC meetings and promoting EU work.	Continue working with TEC on this subject	Closed	ICT
6	M	21-04-2020	Con call between Mr Luis Romero, CEO ETSI, Senior officials TSDSI and SESEI.	TSDSI requested for a meeting with Mr. Luis Jorge Romero, CEO ETSI. The meeting was organised by SESEI. The main objective of the conference call was exploring increase of	During the call following options/scenario were discussed if at all they are possible to be taken up with oneM2M: Option 1: While the process of calculation and logic cannot be changed for working out per IM fees, TSDSI would like to request if it can be assigned additional work which is generally a negotiation between SDOs for year 2021 and beyond. This Year 2020, Mr Mitsuru Yamada from TTC was kind enough to release soft in kind allocation in favour of TSDSI to help us reduce TSDSI IM's membership fees. Option 2: In case option 1 as above is not possible, can TSDSI recruit a suitable expert and train him/her for a year at its own cost before putting it for full time dedicated work with OneM2M Secretariat for any assigned work, helping us defray total cost allocation to TSDSI from year 2021 onwards. This will release TSDSI from an obligation to pay additional per member IM fees while adding multiple new members by charging them just a token/ or No fees.	N/A	Closed	ICT

				soft in kind work for TSDSI for year 2021	DG ETSI clarified all associated queries of TSDSI and suggested TSDSI management to take up the proposal as part of oneM2M finance committee for further discussion.			
7	E	23-04-2020	Workshop on "Unleashing road infrastructure potential for Cooperative, Connected and Automated Mobility (CCAM)"	International Road Federation (IRF) organized a public online workshop on "Unleashing Road Infrastructure Potential for Cooperative, Connected and Automated Mobility (CCAM)"	<p>The International Road Federation (IRF) in Geneva hosted a public online workshop on "Unleashing Road Infrastructure Potential for Cooperative, Connected and Automated Mobility (CCAM)."</p> <p>Attended by hundreds of participants from all parts of the world and twelve expert speakers, the workshop marked the launch of the new Connected and Autonomous Mobility IRF Committee (CAMC) being supported by the European Union Road Federation (ERF) and the European Association of Operators of Toll Road Infrastructures (ASECAP).</p> <p>The workshop subsequently engaged the participants in a productive discussion on the new CAMC's priorities, deliverables, and potential areas of work.</p> <p>The CAMC's guiding objective is to create a unique global voice representing the road infrastructure ecosystem, specifically by building liaisons with and complementing other existing initiatives on Connected and Autonomous Vehicles (CAVs). The Committee will convene expertise from its members and from different initiatives in which the IRF and its partners are actively involved, including the European Commission's Cooperative, Connected and Automated Mobility (CCAM) initiative, the Working Party on Automated/Autonomous and Connected Vehicles (UNECE GRVA) and Global Forum for Road Traffic Safety (UNECE WP.1) of the United Nations Economic Commission for Europe.</p> <p>The Committee has kicked off work on three main workstreams: 1. policy and regulatory measures; 2. future workforce; 3. technological innovations. Dedicated sub-groups have been established to carry out work on in each of the respective focus areas.</p>	N/A	Closed	Smart Mobility

8	E	23-04-2020	Webinar on India Telecommunications Amidst and beyond COVID-19	COAI along with techARC organised the 1st edition of 'techFLIX – special series of webinars on the impact of covid-19 on digital industries in India.'	<p>The first edition of the webinar organised jointly by COAI and techARC was on the impact of Covid 19 on the Telecommunication Industry. The Covid-19 pandemic has created an extraordinary situation for the entire digital fraternity. Telecommunications is playing an enabling role in keeping the socio-economic cog moving. Speakers gave their perspective on;</p> <ul style="list-style-type: none"> - How the telecom sector in India is sailing through the Covid-19 situation? - The enabling role of telecommunications helping several socio-economic sectors. - What could be the successful lockdown exit strategy? - The long-term implications of Covid-19 giving birth to promising opportunities? 	N/A	Closed	ICT
9	E	24-04-2020	Webinar on smart city/IoT	ERTICO, ITS Europe organized a webinar on smart city/IoT	<p><u>The main agenda of this webinar was on:</u></p> <ul style="list-style-type: none"> - <u>What will the Smart City of tomorrow look like?</u> - <u>And what role will Internet of Things (IoT) play when it comes to connected vehicles and communication with the surrounding infrastructure?</u> <p><u>In this webinar, expert speakers discussed the readiness of Smart Cities for connected vehicles, acknowledging the safety aspect and cyber resilience. Furthermore, it was discussed whether IoT can contribute to information exchange regarding (noise) pollution in the city.</u></p> <p><u>A full recording of the webinar is available here</u></p>	N/A	Closed	Smart Cities

10	M	24-04-2020	TEC Meeting/ con-call for " Finalizing IoT / ICT standards for Smart cities"	Conference call meeting of the TEC members was held for finalisation of the IoT/ ICT standards for Smart Cities.	<p>TEC is working on finalisation of IoT / ICT standards for the Common Architecture layer for Smart Cities in India. The report is being prepared based on the adoption of OneM2M specifications and the inputs/contribution and comments received from various members.</p> <p>SESEI has provided following inputs to be included in this report: - Policy initiatives and standardization work around smart cities in Europe</p> <p>TEC is holding various meetings with the members to ensure completion of all sections / verticals before the Report is finally released.</p>	Continue working with TEC on this subject	Closed	Smart Cities
11	E	24-04-2020	The official launch of the IET Future Tech Panel	The IET - IoT Panel is the leading IoT panel in India, comprising of industry leaders, technologists and policy makers in India. SESEI is a member of the IET - IoT Panel in India and was also the Chairman of the	The IET panel has been working steadfastly on creating a roadmap and building a conducive ecosystem for the IoT technology in India. While the IET - IoT panel believe that IoT is indeed an all pervasive technology, however the panel believes that, in the coming years that IoT alone will not suffice. AI, Blockchain, ML, VR will take centre stage as also and the use-cases that are coming in are fascinating. IoT will be a key enabler in crafting the success and influence of these Future Technologies. In view of the same, The IET - IoT Panel of India has decided to scale their focus to technologies beyond Internet of Things. 'The IET Future Tech Panel' is constituted by the IET - IoT Panel. Virtual launch and discussion were held to launch the Future tech panel. SESEI participated in the same.	Continue working with IET Panel to contribute in creating a roadmap and in building a conducive ecosystem for the IoT technology in India	Closed	ICT

				Standards, Legal and Regulatory Working Group.				
12	M	28-04-2020	Con Call meeting of LITD 28/P9 IoT Systems RA	<p>Bureau of Indian Standards (BIS) has constituted a panel on IoT reference architecture (LITD/28 P9). The first meeting of this panel was organized to define the Terms of Reference (ToR).</p>	<p>Ministry of Housing and Urban Affairs (MOHUA) has quite explicitly mentioned their urgency for IoT reference architectures. In this regards, Bureau of Indian Standards (BIS) has constituted a panel on IoT RA (LITD/28 P9).</p> <p>This panel identified the following steps for defining the ToR:</p> <ul style="list-style-type: none"> - Identify the verticals to be covered in the IoT Systems RA. - Identify the variety of IoT use cases belonging to these verticals - Identify the various hardware/software/network requirements which are to be fulfilled by the IoT RA <p>The following domains were identified by the panel:</p> <ul style="list-style-type: none"> - Electricity Utility, Water Utility , Water Management, Gas , Smart Street Light - Surveillance - Environment - Traffic Management - Transportation - ICC - Solid Waste Management - Smart Home - Citizen Engagement Platform - Distributing Automation - Industrial Automation - Smart Health 	Continue working with BIS on this subject	Closed	ICT

13	M	28-04-2020	Con call Meeting of Smart Village & Agriculture Working Group of TEC	Conference call meeting of the Smart Village & Agriculture working group was held for finalizing the Technical Report use of IoT/ M2M on Smart Village & Agriculture	<p>TEC is in the process of finalizing the technical report on Smart Village & Agriculture. In this regard a meeting was called to discuss the inputs/comments received from the members.</p> <p>SESEI has provided following inputs to this report:</p> <ul style="list-style-type: none"> - Added "Smart village pilot project: European commission" as part of Smart village initiatives around the world (Chapter 4) - Added "Saansad Adarsh Gram Yojana (SAGY)" of GoI as part of chapter 5 on Smart village initiatives in India 	Continue working with TEC on this subject	Closed	Smart Cities
14	E	29-04-2020	International Webinar on "EV Charging Infrastructure testing standards for India"	Energy Efficiency and Renewable Energy Division of Central Power Research Institute, Bengaluru conducted the webinar on the "EV Charging Infrastructure testing standards for India"	<p>SESEI participated in the webinar conducted by CPRI on EV Charging Infrastructure testing standards for India. The webinar was conducted by Mr. R.Sudhir Kumar, Joint Director CPRI, and Mr. K. Jeykishan Kumar Engineering Officer.</p> <p>India has announced all vehicles to be Electrical by 2030 and is currently in the process of drafting guidelines and creating policies and infrastructure for EV charging.</p>	N/A	Closed	Automotive

15	M	01-05-2020/ 09-05-2020/ 13-05-2020/ 22-05-2020	Periodic Meetings of BIS LITD 28/P9 IoT Systems Reference Architecture	Bureau of Indian Standards (BIS) has constituted a panel on IoT reference architecture (LITD/28 P9). The first meeting of this panel was organized to define the Terms of Reference (ToR).	<p>Ministry of Housing and Urban Affairs (MOHUA) has quite explicitly mentioned their urgency for IoT reference architectures. In this regards, Bureau of Indian Standards (BIS) has constituted a panel on IoT reference architecture (LITD/28 P9).</p> <p>This panel identified the following steps for defining the ToR:</p> <ul style="list-style-type: none"> - Identify the verticals to be covered in the IoT Systems RA. - Identify the variety of IoT use cases belonging to these verticals - Identify the various hardware/software/network requirements which are to be fulfilled by the IoT RA <p>Inputs/comments received from members were discussed during the call. SESEI is a member of this panel of BIS and participates regularly in the meetings to contribute EU work on the subject (oneM2M Common Service Layer)</p>	Continue working with WG and contribute EU Work in it	Closed	Smart Cities
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16	M	06-05-2020	Web sessions by BIS to create a new technical committee in ISO.	BIS sought support of CEN member for establishment of new Technical Committee on security equipments for financial institutions and commercial organizations	<p>BIS as National standards body of India has proposed establishment of a new Technical Committee on 'Security equipment used for financial institutions and commercial organizations' in ISO. As per ISO directives, ISO has launched a 12-week member body vote with reference number ISO/ TS/ P 286 on 28th Feb 2020.</p> <p>In this context, DG BIS sought support of CEN member countries on the member body ballot for establishment of new Technical Committee on security equipment for financial institutions and commercial organizations. BIS conducted a web presentation on the proposal for member bodies of CEN.</p>	Continue working with BIS on this subject	Closed	Generic
17	I	06-05-2020	SESEI-InDiCo update on project plans	A Conference call meeting was held with Laure Pourcin, Xavier Piednoir to discuss the action items required on SESEI behalf for Project InDiCo.	<p>The main points of discussion during the meeting were;</p> <ul style="list-style-type: none"> - Status update on the oneM2M approval as national standard in India. Time line and the action / roadmap required for the same. - Promote participation in ETSI Security Week which will be held virtually from 8th to 19th June 2020. to you. 	Continue support InDico project	Closed	ICT

18	M	07-05-2020	BIS LITD 28/P 6 ICT RA Weekly call	LITD-28-P6-ICT-RA WG meeting to discuss ICT Reference Architecture	<p>BIS WG from Electronics & IT department responsible for defining the standards for ICT Reference Architecture for the Smart Cities was reconstituted and held a meeting to discuss the ToR and Scope of its deliverables. SESEI is also a nominated members to it and contributing EU work on the subject.</p> <p>Goals, Objectives & Conceptual Model</p> <p>a) Summarize stakeholders and their concerns. b) Derive the characteristics of the ICT RA. c) System Model capturing essentials of the system and the environment it is embedded in</p> <p>Reference Architecture: Components Reference Architecture Model</p> <p>Appendix: Stakeholders & Concerns Tabulate the stakeholders and their concerns</p> <p>City Digital Sensing System Functional View: What functions it provides?</p> <p>Operational View: What ICT RA characteristics it needs to have?</p> <p>Technology View: Technology choices to achieve/implement the characteristics based on Stakeholder concerns</p> <p>Information View: Data models, Data criticality, Provenance, Non-reputability, Confidentiality etc.</p> <p>E-Governance Functional View: What functions it provides?</p> <p>Operational View: What ICT RA characteristics it needs to have?</p> <p>Technology View: Technology choices to achieve/implement the characteristics based on Stakeholder concerns</p> <p>Information View: Data models, Data criticality, Provenance, Non-reputability, Confidentiality etc.</p> <p>GIS Functional View: What functions it provides?</p> <p>Operational View: What ICT RA characteristics it needs to have?</p>	Continue working with WG and contribute EU Work in it	Open	Smart Cities
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				<p>Technology View: Technology choices to achieve/implement the characteristics based on Stakeholder concerns Information View: Data models, Data criticality, Provenance, Non-reputability, Confidentiality etc. City Government Collaboration Systems Functional View: What functions it provides? Operational View: What ICT RA characteristics it needs to have?</p> <p>Technology View: Technology choices to achieve/implement the characteristics based on Stakeholder concerns Information View: Data models, Data criticality, Provenance, Non-reputability, Confidentiality etc.</p> <p>Appendix: Example SOPs End-to-End SOPs, Identify all the systems involved, define their interactions, data exchanges, services used, authorization, authentication needs, reliability, Key agents and stakeholders etc.</p> <p>Appendix: Use Case: Smart Mobility</p> <p>Appendix: Use Case: Environmental Monitoring</p> <p>Appendix: Use Case: Solid Waste Management</p> <p>Appendix: Use Case: Emergency Services</p> <p>Appendix: Use Case: E-governance Services Identify all the systems involved, define their interactions, data exchanges, services used, authorization, authentication needs, reliability, key agents and stakeholders etc.</p>			
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					<p>Appendix: Rationale Explain the reason behind some key choices. What other options were considered</p> <p>Appendix: Data Models/Dictionary Need for standardization of data models. Examples of data dictionary and data model</p> <p>Appendix: Data Layer and Exchange Need and example data layer architecture and data exchange standard</p> <p>Appendix: Naming Standards Need for standardization of naming. Naming and identity of Assets, Spaces, Devices, Service providers, Systems, People.</p> <p>Appendix: Interface Standards Need and example of interface standards. Identify potential interfaces that can be standardized</p> <p>Appendix: National Digital Initiative and Policy Key points from NGIP and its implication for ICT RA</p> <p>Overall Document Integration and Preparation https://docs.google.com/spreadsheets/d/1i4Qo10bgUymeekRU9D5LYWfsBAJVRZvQtP-2wcZUdps/edit?usp=sharing</p>			
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19	M	15-05-2020	Con. Call of Working Group on "Security by design principle and National Trust Center on IoT"	Working Group on "Security by design principle and National Trust Center on IoT" is working on finalisation of draft document on IoT security. SESEI is a member of this Working Group of TEC.	<p>Security by design principle and National Trust Center on IoT is a working group of TEC, specifically focused on the standardisation of security challenges in IoT and M2M in India. SESEI is a member of this working groups of TEC and participates regularly in the working group meetings to contribute.</p> <p>During the call, TEC informed that TEC has prepared a draft document based on the study of related document released by international organizations such as NIST, ETSI, ISO/IEC JTC1, ITU-T SG20 etc.</p> <p>Inputs/Comments received from members were discussed during the call.</p>	Continue working with TEC on this subject	Closed	ICT
20	I	15-05-2020	Introductions & Priority India Catch up call with CEN CENELEC	Christie Jarita is the new project manager concerned with Project SESEI, replacing Ms. Ines Briard. A conference call meeting was held for introduction with SESEI, Project	<p>Introductory conference call was held with Ms. Christie Jarita, CENCENELEC. The main discussion points during the meeting were:</p> <ul style="list-style-type: none"> - Project SESEI Overview , status update - Priority India – overview and priority areas - 23 June TF meeting - MOU - EU-India summit 	N/A	Closed	Generic

				status and action items.				
21	E	15-05-2020	Webinar on Mainstreaming Solar DC Applications	Pmanifest Consultants organised a webinar on the advantages of Direct Current and mainstreaming it with Solar DC system	<p>Direct Current (DC) power is the future of our sustainable energy future and global uptake of DC powered devices are on the rise.</p> <ul style="list-style-type: none"> - DC powered as the technology and applications offer the promise of enhanced energy efficiency, improved power quality and reliability, and inherent alignment with renewable and clean energy development. <p>The webinar focused on;</p> <ul style="list-style-type: none"> - Technology Landscape: Technology landscape and advances made globally in Solar DC Applications - Innovations and Best Practices: Innovations big players/small players/start-ups are building in further scaling and advancing these solutions - Customer Behaviour: Changes in customer behaviour are envisioned for higher adoption of Solar DC Systems and barriers faced by the end-user customer. <p>SESEI attended the webinar to understand the progress of Solar in India in view of it as a part of Priority Subject</p>	N/A	Closed	Electrical Equipment including Consumer Electronics
22	I	18-05-2020	Internal Meeting of Project SESEI employees	Due to Covid-19 pandemic, India went into lockdown on 24 March, 2020 as it attempts to curb the spread of	Due to the Covid-19 pandemic, India has announced lockdown until 31st May 2020. During this period Project SESEI is carrying out its activities in a work from Home mode. In this regard regular conference calls are being held to discuss and align Project SESEI activities and deliverables amongst the employees.	N/A	Closed	Generic

				coronavirus. SESEI office is working from home during this period.				
23	M	18-05-2020	Exchange SESEI and GIZ regarding IoT security	Philip Grinsted, GPQI GIZ and his team had a conference call meeting with SESEI to discuss and align next steps based on the IoT security discussion paper. GIZ sought input from SESEI and explore possible synergies with the project.	Global Project Quality Infrastructure (GPQI) of the German Federal Ministry for Economic Affairs and Energy (BMWi) in cooperation with the Bureau of Indian Standards (BIS) and the Data Security Council of India (DSCI) has developed a discussion paper "Securing the Internet of Things Together". https://gpqi.org/preview_studies/securing-the-internet-of-things-together.html The discussion paper includes a comparison of regulatory approaches for IoT device security in India, Germany, the European Union (EU), and beyond. Specifically, it elaborates on the role of standardisation and conformity assessment in these regulations. The publication thereby aims to explore the potential alignment of cybersecurity regulations, and corresponding standards and certification. A con. call meeting was held b/w Philip Grinsted, GPQI GIZ and SESEI to discuss and align next steps based on the IoT security discussion paper. GIZ sought input from SESEI and explore possible synergies with the project. During the meeting, SESEI also suggested to GIZ team to work on other subject such as Railways, Circular Economy as they are also becoming important to India	N/A	Closed	Generic

24	E	18-05-2020	Virtual celebration of the World Telecommunication and Information Society Day (WTISD)	ITU-APT foundation of India held an online Web Conversation as part of the World Telecommunication and Information Society Day (WTISD) celebrations on 18 May 2020	<p>World Telecommunication and Information Society Day 2020: It is celebrated every year with a new theme to raise awareness about the importance of communication and focuses on to increase the United Nations Sustainable Development Goals.</p> <p>The event was focused on 'Connect 2030: ICTs for Sustainable Development Goals'. Industry Leaders from DoT, TRAI , COAI , TSDSI and ITU dignitaries participated in the meeting virtually.</p>	N/A	Closed	ICT
25	M	20-05-2020	con-call of WG on Future Communication Technologies in IoT domain	A conference call of Working Group on "Future Communication Technologies in IoT domain" was organized to discuss the proposed template for the report.	<p>TEC is working on a Technical Report on Future Communication Technologies in IoT domain. TEC has already released a Technical Report on Communication Technologies in M2M/ IoT domain in 2017 (available on tec.gov.in/technical-reports/). A dedicated WG on Future Communication Technologies in IoT domain will study the emerging technologies which have not been covered in the previous report such as 5G, BLE mesh, etc.</p> <p>SESEI being a member of WG regularly participates in TEC meetings. During WG meeting SESEI expert informed WG that ETSI is working of e-Health, Medical Devices, Smart Body Area Networks and Smart Appliances and said that we can cover these emerging topics in the document. SESEI expert was also requested to include some content related to resolving issues in Covid-19 pandemic time.</p>	Continue working with TEC on this subject	Closed	ICT

26	M	20-05-2020	IET Future Tech Panel - Standards working group	<p>The IET - IoT Panel has once again invited SESEI to Chair there Standards, Legal & Regulatory Working Group. In this regard a preliminary Conference call meeting was organised to review the members on the Standards , Legal & Regulatory working groups and to revisit the working group charters</p>	<p>SESEI is associated with IET IoT Panel (https://india.theiet.org/about-iet-india/) and Chairing their WG on Standards, Legal & Regulatory (https://india.theiet.org/innovation-knowledge/the-internet-of-things-iot/meet-the-internet-of-things-iot-panel-members/) for many years now.</p> <p>The IET - IoT Panel has once again invited SESEI to Chair this Standards, Legal & Regulatory Working Group. In this regard a preliminary Conference call meeting was organised to review the members on the Standards , Legal & Regulatory working groups and to revisit the working group charters</p>	Continue working with IET Future Tech Panel as chair of Working Group on Standards, Legal & Regulatory	Open	ICT
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27	E	22-05-2020	Webinar on "Fighting COVID-19 with Innovative Real Life Use Cases Powered by Advanced ICT Tech" was jointly organised by COAI , Hindustan Times and Huawei Technologies	Webinar on "Fighting COVID-19 with Innovative Real Life Use Cases Powered by Advanced ICT Tech" was jointly organised by COAI , Hindustan Times and Huawei Technologies .	<p>ICT industry is playing a key role in fighting against the COVID-19. Indeed there are several ICT use cases involving new technologies like 5G & AI to address COVID-19 challenges in our society.</p> <p>Huawei global expert in ICT, shares perspective on how technology can drive a fast Socio-Economic recovery in the post pandemic scenario.</p> <p>Key points for discussion were:</p> <ol style="list-style-type: none"> 1. Understand how 5G features such as high speed, ultra-high reliability and low latency in addition to emerging technologies such as AI, Cloud & analytics can be effectively used in the new business models such as: <ul style="list-style-type: none"> - 5G remote imaging diagnostics platforms - 5G SMART medical robots to help care for quarantined patients - Epidemic monitoring platform - 5G epidemic prevention patrol drones - 5G smart robots - Natural disaster command centers - Remote medical consultation 2. How global Telcos are leveraging cutting edge ICT to combat COVID-19 situation. 3. Global use-cases and how they can benefit Indian market 	N/A	Closed	ICT
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28	E	22-05-2020	Webinar on Telecommunications Leading to 5G	Sanjay Mashruwala, Managing Director, Reliance Jio Infocomm Ltd. and Prof. Abhay Karandikar, Director IIT Kanpur conducted a webinar on 5G Technologies .	In the Webinar, the speakers presented what is special about 5G as against existing technology and why is there so much excitement and anticipation about 5G. They also elaborated on details like who the early users could be, what is required for the new technology and how it differs from other technologies presently available.	N/A	Closed	ICT
29	M	25-05-2020	TEC Meeting for "Finalizing IoT / ICT standards for Smart cities"	TEC organised a conference call of the consultative committee on IoT/M2M to discuss the draft document on" IoT / ICT standards for Smart cities"	TEC is in the process of finalizing document on" IoT / ICT standards for Smart cities". In this regard, DDG IoT), TEC called a meeting of the members to discuss the draft document. SESEI is one of the key contributors to the document and regularly participates in the meeting for finalisation of the report. SESEI has provided following inputs to be included in this report: - Policy initiatives and standardization work around smart cities in Europe At present the draft report has been finalised and is under review for the release of the report along with announcements on the National Standards for IoT/M2M	Continue working with TEC on this subject	Closed	Smart Cities

30	E	26-05-2020	GoToWebinar - IESA – IGEF open webinar on 'Future of distributed home storage systems in India'.	India Energy Storage Alliance (IESA) organised a webinar on the home storage technologies in India.	India Energy Storage Alliance (IESA) is the premier alliance to focus on the advancement of advanced energy storage and e-mobility technologies in India. The main discussion points of the webinar were; - Worldwide market development and outstanding business models" by Tobias Winter, Director, Indo-German Energy Forum "Perspective for residential market in India" by Dr. Rahul Walawalkar, President, IESA - "Home storage systems in rural India"	N/A	Closed	Electrical Equipment including Consumer Electronics
31	E	28-05-2020	Web seminar: Technology Backbone for Growth in Rural Communities	IEEE SA virtual event on "Technology Backbone for Growth in Rural Communities "	<u>IEEE SA is conducted a virtual event on "Technology Backbone for Growth in Rural Communities" as Rural connectivity will open up new opportunities for the communities and will lead to improvement in their quality of life. Internet connectivity will provide people with more options to achieve economic self-sufficiency. Information on healthcare, agriculture, education, employment opportunities, etc. can be accessed by the people through the internet. COVID-19 reinforces the need for affordable connectivity and this event focuses on the challenges and the opportunities in providing sustainable, reliable and affordable connectivity to rural areas. Following session were held during this virtual event.</u> - <u>Overcoming Rural connectivity challenges: Field Insights</u> - <u>Architecture for Sustainable and Affordable Rural Broadband</u> - <u>Low Mobility Large Cell (LMLC) use case for rural broadband connectivity</u> - <u>Rural Broadband Architecture</u> - <u>IoT Agriculture</u> <u>SESEI attended the event to understand the progress on this subject especially the LMLC.</u>	N/A	Closed	ICT

32	E	28-05-2020	Webinar on "e-Bus Adoption and Integration: Lessons from South Asia and Latin America"	Pmanifold Consultants organised a webinar on the lessons from the Latin America and South Asian Markets on the adoption of e-Buses	<p>Global experts from India and Latin America shared their experiences and case studies from South Asia and Latin America with discussion on improving overall adoption and integration of e-Buses. Growing cities around the world are setting good examples on well adoption and integration of electric bus fleet.</p> <ul style="list-style-type: none"> - Shenzhen in China is one such city which has successfully transitioned to 100% electric bus fleet with total fleet size of some 16,359 buses between three operators, and different business model variants. -Hongkong has adopted superconductor electric buses. -Santiago, de Chile is home to the world’s largest pure electric bus fleet of some 700 outside of China, with strong private sector participation. Bogota is another good case study for high 2,000 e-Buses procurement. <p>The discussion covered following aspects</p> <ol style="list-style-type: none"> 1. What supportive policies can enable smooth transition into electric bus fleet in public transportation? 2. What business models and structuring to better enforce co-operation and productivity between STU (or Transport Authority), OEM, Private Operator, and Batteries and Charging Infra Provider? 3. How to better engage private sector participation in capex heavy e-Bus eco system? 	N/A	Closed	Smart Mobility
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33	M	29-05-2020	Con call for finalizing Technical Report on Smart Village & Agriculture	<p>A meeting/ con-call of WG for finalizing Technical Report on "Smart Village & Agriculture" was held on 29th April 2020.</p>	<p>TEC is in the process of finalizing the technical report on Smart Village & Agriculture. In this regard a meeting was called to discuss the inputs/comments received on the used cases were discussed for inclusion in the report.</p> <p>To Further refine the draft Technical Report on Smart Village & Agriculture by adding more relevant use cases and updating already existing data and statistics, TEC come out with a comprehensive document which may be useful for the Ministry of Agriculture & Farmers' welfare, start-ups in IoT domain, villagers and farmers; with the focus on describing the role of technology in increasing farmer's income and making villages smart.</p> <p>SESEI being a member of WG, participates in the meetings regularly and has contributed inputs on:</p> <ul style="list-style-type: none"> - "Smart village pilot project: European commission" as part of Smart village initiatives around the world (Chapter 4) - "Saansad Adarsh Gram Yojana (SAGY)" of GoI as part of chapter 5 on Smart village initiatives in India 	Continue working with TEC on this subject	Closed	ICT
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34	E	29-05-2020	Webinar on Resilience Planning for Cities in the Era of Covid -19, by FICCI	FICCI organized a webinar on “Resilience Planning for the Cities in the Era of COVID-19	The infrastructure division of FICCI organised a webinar on the Resilience planning for cities: Digitally empowering cities to survive, adapt, and thrive. Most of the discussion and presentations by the eminent speakers was on how the future technologies, especially 5G and IoT will work onwards building a Smart , resilient city. <ul style="list-style-type: none"> - How smart technologies mitigate or prevent such pandemics in future? - Role of IoT and digitization in making cities smart and energy-efficient - 5G: The new game changer - Expectations from the government for future cities - Implementing reliable and intelligent data privacy solution for cities 	N/A	Closed	Smart cities
35	M	30-05-2020	Web meeting of the BIS LITD 28/P9 IoT Systems RA	BIS has constituted a panel on IoT reference architecture (LITD/28 P9). The first meeting of this panel was organized to define the Terms of Reference (ToR).	Ministry of Housing and Urban Affairs (MOHUA) has quite explicitly mentioned their urgency for IoT reference architectures. In this regards, Bureau of Indian Standards (BIS) has constituted a panel on IoT reference architecture (LITD/28 P9). This panel identified the following steps for defining the ToR: <ul style="list-style-type: none"> - Identify the verticals to be covered in the IoT Systems RA. - Identify the variety of IoT use cases belonging to these verticals - Identify the various hardware/software/network requirements which are to be fulfilled by the IoT RA <p>Inputs/comments received from members were discussed during the call. SESEI is a member of this panel of BIS and participates regularly in the meetings to contribute. during the meeting, the panel agreed on the following sequence of milestone deliverables as suggested by SESEI Expert:</p>	Continue working with WG and contribute EU Work in it	Closed	ICT

					<ul style="list-style-type: none"> - Concept Model for the IoT - Reference Model for IoT - IoT Reference Architecture - Use Case Mapping based on IoT RA - Reference to Technical Specifications - Implementation Guidelines 			
36	M	02-06-2020	Meeting of the LITD 28 the Smart Infrastructure Sectional Committee in BIS	<p>Draft Indian Standards on "Last Mile Communication Protocols Stack" under Wide Circulation - Docs LITD 28 (13502) and LITD 28 (13503) were to be presented during the meeting.</p>	<p>LITD 28 is the Smart Infrastructure Sectional Committee at BIS and is developing a comprehensive set of Standards for the "Unified Digital Infrastructure" based on the comprehensive set of requirements identified and the Architecture Model developed during pre-standardization study in the first Two Years i.e. 2016 to 2017 (the Report is available at http://www.bis.org.in/other/USR_ICT_FSI_V_1_0.pdf for your reference and understanding context). These standards are aimed at harmonizing the different verticals, applications and use cases in the Civic Infrastructure domain and shall go a long way in reducing the CAPEX, OPEX & Carbon Footprint of the ICT Infrastructure along with bringing comprehensive interoperability and seamless data sharing capability amongst the different till now Siloed Infrastructures.</p> <p>The first Two standards are under Wide Circulation. The Standards are:</p> <ul style="list-style-type: none"> • LITD 28 (13502) WC - Information Technology - Unified Digital Infrastructure - Unified Last Mile Communication Protocols Stack - Reference Architecture (UDI – ULMCPS - RA) and • LITD 28 (13503) WC - Information Technology - Unified Digital Infrastructure - Unified Last Mile Communication Protocols Stack - Network Access Layer (Sub Giga Hz) 	Continue working with BIS on this subject	Open	Smart Cities

37	E	02-06-2020	Webinar: Technical Market Access Challenges in India	Webinar organised by Global Project Quality Infrastructure (GPQI) , GIZ & Indo-German Chamber of Commerce (IGCC) on Technical Market Access Challenges in India In Times of the Corona Pandemic	<p>With background as: Active COVID-19 cases in India are still on the rise. The nationwide lockdown in force since 24 March has a huge impact on the economy and trade. In March alone, Indian exports were down by 35 percent and imports by 29 percent compared to the same month in 2019. Some industries such as the automotive sector have come to a complete standstill. Zero cars were sold in India in the month of April. A vast majority of companies participating in a short survey by the Indo-German Chamber of Commerce (IGCC) indicated that their business was severely affected by COVID-19 in mid-March already. It has become more crucial to secure a free, transparent and rule-based international trade system in the current situation. Cooperation in the field of quality infrastructure is an important part of that. It helps to ensure market access as well as a smooth functioning and resumption of existing and potential new supply chains. It also ensures safety and quality of essential supplies and business continuity in the current lockdown situation.</p> <p>The webinar gave participants from German companies operating in India the opportunity to:</p> <ul style="list-style-type: none"> • Get key information about trade and technical market access challenges (standards, conformity assessment, certification) in India and recent challenges due to COVID-19 • Learn more about the relevance of cooperation on quality infrastructure and discuss technical market access challenges • Identify steps towards solutions, and discuss ways to get involved in the Indo-German Working Group on Quality Infrastructure within the Global Project Quality Infrastructure (GPQI) of the German Federal Ministry for Economic Affairs and Energy 	N/A	Closed	Generic
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38	E	03-06-2020	GoToWebinar - Management of Risk in the Public Interest: Standards and Risk Approaches	Bureau of Indian Standards (BIS), the Confederation of Indian Industry (CII), and Underwriters Laboratories organised webinar on Management of Risk in the Public Interest: Standards and Risk Approaches	<p>During the COVID-19 pandemic, many Micro, Small and Medium Enterprises (MSME) as well as large enterprises throughout India are looking to learn from standards on the topics of risk planning, management and mitigation through standards experts and mutual experiences.</p> <p>The webinar provided knowledge on below:</p> <ul style="list-style-type: none"> - Standards and risk management- synopsis of IS/ISO 31000 series - how risk approaches are covered in management system standards 	N/A	Closed	Generic
39	E	03-06-2020	Webinar: Contact Tracing apps – Design, Implementation and Effectiveness	TSDSI along with CSITM of IIM Bangalore organised a webinar on Contact Tracing apps – Design, Implementation and Effectiveness	<p>Aarogya Setu app launched by the Indian Government runs on Android and Apple Smartphones and has crossed 100M downloads. It relies on Bluetooth & GPS for tracing contacts and stores the users personal data and location information of COVID positive individuals on a central server. Researchers have raised multiple concerns on the design, implementation, effectiveness, security and data collection practices. The webinar is a discussion with legal experts on the concerns regarding the App. The presenters at the Webinar raised issues concerning</p> <ul style="list-style-type: none"> - demand on making the app open source and allowing its reverse engineering - issue of surveillance during the CPVID-19 pandemic 	N/A	Closed	ICT

40	E	04-06-2020	CUTS Webinar - Electricity Act (Amendment) Bill 2020: What's in it for consumers?	CUTS International (Consumer Unity & Trust Society) organised a webinar on Electricity Act (Amendment) Bill 2020: What's in it for consumers?	<p>The Ministry of Power recently floated an amended version of the Electricity Act, after consecutive unsuccessful attempts to introduce changes in 2014 and 2018. Hailed as sweeping structural reforms by many, the proposed amendments have recently been subject to resistance by many states, including opposition by Tamil Nadu, Telangana and even Bihar, an ally of the Central Government.</p> <p>The Electricity (Amendment) Bill 2020, according to the MoP, is brought in to address “critical issues weakening the commercial and investment activities in the electricity sector”. It prescribes multiple policy tools to achieve this objective. Privatisation, which is one of the potential impacts of the amendments, is also the preferred narrative of the Government of India to deal with the ongoing Covid–19 pandemic. The Finance Minister, has recently announced that Union Territories will soon have private discoms and the same model will be subsequently replicated in various states. Many reforms like Tariff Rationalisation, privatisation of distribution utilities and introduction of Direct Benefit Transfer for subsidy disbursement are in the pipeline.</p> <p>In the webinar issues concerning implications of various reforms was discussed and presented at length. The Objective of the webinar was to brainstorm and initiate a discourse on the public interest aspects of the draft Electricity Amendment Bill 2020.</p>	N/A	Closed	Electrical Equipment and Consumer Electronics
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41	M	04-06-2020/ 11-06-2020/ 25/06/2020	Periodic Con. Calls of LITD 28/P6 ICT RA Weekly call	Panel 6 of LITD 28 Technical Committee Meeting on deciding the ICT reference Architecture	<p>The convener presented the final IoT Concept Model diagram (Doc Link) to the members</p> <p>Convener requested the members to complete the requirement document.</p> <p>The panels discussed the IoT Reference Model and prepared the draft ToC (Doc link) for the part of the standard.</p> <p>Sharad Arora suggested to do a Gap analysis of the standards on IoT Reference Architecture already published by ISO/IEC, ITU, and oneM2M against the requirements identified by the panel so far. So that we are not required to reproduce the same content in our document.</p> <p>The convener suggested that in order to have a well directed flow towards our goal, to write a document for practically implementable IoT Reference Architecture, we may retain the ToC as such and attempt to fill in the details therein referring to the aforementioned documents.</p>	Continue working with the panel to align EU Work	Closed	Smart Cities
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42	I	05-06-2020	InDiCo SESEI Sync call	<p>Call between InDiCo Project officials and SESEI was held to discuss the steps related to activities in India and proposed workshops and webinars.</p>	<p>The meeting was attended by : Dinesh, Priya, Xavier, Laure</p> <p>1 - IET (UK - based Institute of Engineering and Technology) : As has been done in past year, SESEI recommends that ETSI should pursue the work on IoT and possibly broaden the scope to other technologies. The Digital Conversations calendar of IET has been shared by SESEI. Most topics in this calendar are very relevant to ETSI/InDiCo. Luis will be formally asked by IET Secretariat to join the Global Advisory for a dedicated session on Standards. SESEI could speak on IoT related topics. In parallel, InDiCo could organize ETSI participation to the SmartCities and 5G forward session planned in the first part of July.</p> <p>SESEI will set up a call with IET and ETSI / InDiCo to discuss these plans.</p> <p>2 - Digital Dialogue : Regarding Digital Dialogue held on the Airmeeet platform, Laure attended the first session which took place to mark the anniversary of World Telecom Day. SESEI and InDiCo to Jointly follow-up with Bharat to find out more about the Digital Dialogue agenda, supposed to take place on a bi-monthly basis.</p> <p>3 - Indian participation to ETSI online Security Week: This event has been promoted in India by the EU-IN project team and the EU Delegation. There should be a significant India participation. There was a request issued to XDP to leverage the momentum to organize something specific on India.</p> <p>ETSI will wrap up about the India attendance at the end of the event and find out about their topics of interest and assessment of relevance through a follow-up survey. Based on the results of this survey, define the next step : Timing, format and topic of</p>	Continue support InDico project	Closed	ICT
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				<p>a possible webinar. Based on previous knowledge, it is anticipated that a good topic would be Security Certification Programs, involving TEC, DoT, MEITI (cybersecurity) ... However this will need to be confirmed by the feedback received. We have a security week activity in India as part of the InDiCo program and this webinar could be an introduction/first step towards it.</p> <p>4- IMC 2020: SESEI is liaising with the organizers of this event (COAI) and the decision will be made by mid-July, if the show is maintained or not as a physical event.</p> <p>As previously discussed, if it is, we would like to have a workshop/panel session dedicated to 5G, facilitated by Adrian Scrase.</p> <p>A6 - Dinesh to inform XDP / InDiCo as soon as the decision is known.</p> <p>5 - ETSI supporting SmartCity India on 27 Aug 2020</p> <p>There are no ETSI registered speakers at this stage. It is a simple endorsement by ETSI of the event. Given the time, it is unlikely foreign speakers will be allowed in India to participate.</p> <p>A7 - ETSI / InDiCo/SESEI to check agenda for Speaking opportunities</p> <p>6- oneM2M adoption</p> <p>No further news on this topic.</p>			
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43	M	05-06-2020/ 13/06/2020/ 19/06/2020	Periodic Meetings of BIS LITD 28/P9 IoT Systems Reference Architecture	Bureau of Indian Standards (BIS) has constituted a panel on IoT reference architecture (LITD/28 P9).	<p>Ministry of Housing and Urban Affairs (MOHUA) has quite explicitly mentioned their urgency for IoT reference architectures. In this regards, Bureau of Indian Standards (BIS) has constituted a panel on IoT reference architecture (LITD/28 P9).</p> <p>This panel identified the following steps for defining the ToR:</p> <ul style="list-style-type: none"> - Identify the verticals to be covered in the IoT Systems RA. - Identify the variety of IoT use cases belonging to these verticals - Identify the various hardware/software/network requirements which are to be fulfilled by the IoT RA <p>BIS has been organizing periodic con. calls of panel on IoT reference architecture (LITD/28 P9) to complete the Functional Requirement document as well as append the ToC of the IoT Reference Model. SESEI is a member of this panel of BIS and participates regularly in the meetings to contribute EU work on the subject (oneM2M Common Service Layer)</p>	Continue working with WG and contribute EU Work in it	Closed	Smart Cities
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44	E	05-06-2020	Webinar on Adopt Industry 4.0 or risk being overtaken by IET - Future Tech Panel	IET - Future Tech Panel is holding webinars every week on various topics related to IoT and Future technologies and their implementation in various sectors. They organised a webinar on " Adopt Industry 4.0 or risk being overtaken by IET - Future Tech Panel " . SESEI expert is a Chair of their WG on Standards, Legal & regulatory	<p>Industry 4.0 revolves around using improved means of data collection to streamline manufacturing processes and workflows. The 4 major concepts around this are the smart factory, industrial IoT technology, smart manufacturing and dark factories. All of these focus towards – Automation. While certain businesses believe that the pandemic has given them a strong reason to embrace digital workflows, the imbalances in the demand and supply have led to some manufactures ceasing production completely.</p> <p>It is certain that the impact of the pandemic has a varied effect on different manufactures, hence bringing some challenging questions to light</p> <ul style="list-style-type: none"> - Is there a future for Industry 4.0? - Is Industry 4.0 a relevant concern for manufacturers, given the current situation? - What role does industry 4.0 have to play moving forward? 	N/A	Closed	Smart Manufacturing
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45	E	05-06-2020	Webinar by Pmanifest on Electricity Distribution – Backbone to drive our fight against any emergency	The webinar series "Efficiency and Reliability in Power Utilities" is a joint initiative of ICAI along with pManifest Business Solutions and Spark Group. This webinar, second in the series, brought Indian experts sharing their experiences from the field	The Webinar was essentially divided in two parts. The first part was the role and importance of Power Distribution System and how to ensure its robustness, quality and health. The second part of the Webinar was on the integration of the IT / Future Technologies with the Operation Technologies of the Power Distribution System. Main points of the Webinar were; 1. Role of Power Distribution during Emergencies – Covid 19, Amphan Cyclone, Kedarnath Flash floods 2. How important Power Distribution is in the Economic and Social Value Chain 3. Need for resilient Power Distribution Grid 4. Key Challenges faced by DISCOMS and way forward 5. Smart Grid , Smart Meters, Harmony with Renewable Energy Sources and Integration of IT with OT	N/A	Closed	Electrical Equipment and Consumer Electronics
46	E	05-06-2020	EU – India Webinar on Resource Efficiency and Circular Economy on The Occasion Of World Environment Day	On behalf of the Delegation of the European Union to India, the EU	The objective of the webinar was s to have an informed discussion on the potential linkages of resource efficiency (RE) with proposed policies by the Government of India and how the former can catalyse the economic recovery post the Covid-19 pandemic while helping India move on the path of sustainable development.	Continue working with EU-REI project to align EU Standards work	Closed	Resource Efficiency & Circular Economy

				<p>Policy and Outreach Partnership (EUPOP) project and the EU-Resource Efficiency Initiative (EU-REI) EU-India webinar on, "Resource Efficiency for Greening of Recovery and fostering Sustainable Economic Growth in a resource constrained world", was organised on the occasion of World Environment Day</p>	<p>The discussions also focused on identifying resource efficiency opportunities in key sectors that would be restructured through recovery plans and the associated job creation and re-skilling opportunities that would emerge through this transformation. To reiterate the commitment to resource efficiency and circular economy strategies, the webinar would also introduced the 'Lead the Green Change Champions' initiative and also identify business opportunities for EU and India partnerships.</p> <p>Mr. R P Gupta, Secretary, Ministry of Environment, Forests and Climate Change, Government of India; Ms. Astrid Schomaker, Director, Global Sustainable Development, Directorate General for Environment, European Commission Brussels; and Dr Ajay Mathur, Director General, The Energy and Resources Institute (TERI) were the key speakers at the webinar.</p>	around Circular Economy & Resource Efficiency		
47	E	08-06-2020	CEN-CENELEC Webinar: Exploring standardization's contribution to the achievement of the	CEN-CENELEC organized a webinar on Exploring	<p>This webinar covered following topics:</p> <ul style="list-style-type: none"> - Europe's environmental and sustainability ambitions, goals and strategies - how European standards can contribute in the overall achievement of the SDGs, 	N/A	Closed	Generic

			United Nations Sustainable Development Goals (SDGs) Confirmation	standardization's contribution to the achievement of the United Nations Sustainable Development Goals (SDGs) Confirmation	<ul style="list-style-type: none"> - how to include the SDGs in standardization projects in practice, through concrete examples, - how you and your networks can accelerate the contribution to the SDGs through the standardization path. 			
48	E	09-06-2020	Webinar on Location Technology: Powering smart-cities, public safety and infrastructure management"	Here Technologies organised a webinar on "Powering smart-cities, public safety and infrastructure management", in collaboration with Frost and Sullivan	<p>The webinar was essentially on how location technology can help growing cities reduce operational costs and improve connected experiences.</p> <p>Presenter and Panellists: provided their views on:</p> <ul style="list-style-type: none"> - The current landscape of public safety and smart city planning in Asia-Pacific - The short- and longer-term impacts of COVID-19 in the industry - Public sector-specific use cases for location technology, including city navigation, incident management, public transport ETA management, VIP tour planning, traffic management and waste management - Success stories from HERE Technologies 	N/A	Closed	Smart Cities

49	E	09-06-2020	Webinar on “Standardization@3GPP: 3GPP Introduction & Overview of Current Status of 5G in 3GPP SA”	TSDSI launched the Partner Webinar Series on Standardization@3GPP in association with the India EU Cooperation on ICT-Related Standardization, Policy and Legislation (India EU PP). The series intended to share an overview of 3GPP and its activities, and bring insights from 3GPP experts on latest and futuristic technologies.	The first webinar in this series was held on 9 June 2020 on “Standardization@3GPP: Introduction to what 3GPP is, how it works and how it fits into the 5G ecosystem”. The webinar gave a basic introduction to what 3GPP is, how it works and how it fits into the 5G eco system. It also treated the impacts of the current COVID-19 crisis on the 3GPP standards process. Finally, an overview of the ongoing work in the 3GPP Systems & Services area was given with a focus on 5G and vertical related issue.	N/A	Closed	ICT
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50	E	10-06-2020	ETSI Security Week Webinar: Insight into the First Steps of the Cybersecurity Act Reality	ETSI Security Week went virtual due to the ongoing pandemic situation globally.	EC& ENISA provided the progress of work on the first schemes being under preparation: Common Criteria and Cloud Security certification. They shared the lessons learnt from the preparation of those schemes. EC will also provide an update on the latest steps taken within the Cybersecurity Act, such as an overview of the first Rolling Work Programme, potential next schemes, etc.	N/A	Closed	ICT
51	M	10-06-2020	Meeting Notice of SSD 10 'IT and ITES sectional committee' of BIS	Bureau of Indian Standards (BIS), has set up a new committee on IT and IT Enabled Services under the Services Sector Department II, called SSD 10. SESEI has been invited as a member to this new committee	The first meeting of the IT and IT Enabled Services Sectional Committee, SSD 10 was held on 10th June 2020. This meeting was held virtually and the draft scope of Work for the committee was discussed during the meeting .During the meeting SESEI informed committee about the work carried out in EU by its SDO CEN & CENELEC through its below TCs: <ul style="list-style-type: none"> - CEN/TC 428 - ICT Professionalism and Digital Competences - CEN/CLC/JTC 13 - Cybersecurity and Data Protection: - CEN/TC 445 - Digital information Interchange in the Insurance Industry: 	Continue working with SSD 10 of BIS to promote EU work	Open	Services

52	M	11-06-2020	Audio Meeting with Mr Ashutosh Pandey, DDG - R, TEC	SESEI requested a meeting with the DDG - R of Telecom Engineering Centre. This meeting was requested to seek update and clarification on matters related to SAR value and SAR testing in India. This query was raised by Art-Fi, a French enterprise providing international solutions in telecommunications and IoT, interested in setting up entity in India.	<p>The status and clarity on the following issues was sought from DDG - R</p> <ul style="list-style-type: none"> • Update from TEC on the release of standards related to SAR Value /measurement for Telecom devices. Any Possibility of introducing 62209-3 in the new release , which is fully accepted in Europe. • Could you please confirm if an Indian Lab performs a certifying SAR Test, using -3 new standard (accepted in France/Europe) for CE certification, with the only purpose to allow the Maker to Export to EU countries, and this Lab had been accredited by Ilac local represent 'India International Laboratory, India' > it works (as if it was performed by a French accredited Lab)? • Clarification on whether "India does its own testing and doesn't accept International reports" I thought it was currently accepted but that the new standard release was to make it mandatory for the tests to be performed in India, could you please confirm? 	Continue working with TEC on this subject and promote IEC/EN 62209-3	Open	ICT
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53	E	11-06-2020	Webinar on "Consumer IoT security standards" under the ETSI Security Week	As part of ETSI Security Week, ETSI organized a session on Consumer IoT security standards to provide an overview of the (EN) 303 645	<p>The Webinar was focused on the security standards for the IoT. ETSI TC CYBER has developed European Standard (EN) 303 645 "Cyber Security for Consumer Internet of Things: Baseline Requirements", which is expected to be published in July, to bring together widely considered good security / privacy practice for consumer IoT devices. The EN has been developed in collaboration with CEN/CENELEC JTC 13 experts. It is expected to inform the development of new legislation on IoT security in Europe and beyond. During the Webinar an overview of the (EN) 303 645 was provided.</p> <p>TC CYBER is also taking forward TS 103 701, which will set out test scenarios for assessing products against EN 303 645. It is to set out mandatory and recommended assessments, as well as guidance and examples to support their implementation. The document is intended to be used by testing labs and certifying bodies that provide assurance on the security of relevant products, as well as manufacturers that wish to carry out a self-assessment. The document is intended as input to a future EU common cybersecurity certification scheme as proposed in the Cybersecurity Act.</p>	N/A	Closed	ICT
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54	E	11-06-2020	ETSI Security Week: Consumer IoT Security - Certification Schemes	ETSI organized a session on "Consumer IoT Security - Certification Schemes"	<p>Product assurance schemes play an important role in consumer IoT security. Typically, they provide a consumer-facing assurance label or kitemark which demonstrates that the product has undergone independent testing or a robust self-assessment process, thus helping consumers make security-conscious purchasing decisions. Assessment feedback can also be communicated privately to manufacturers to help them improve their product. But operating an assurance scheme for consumer IoT can be challenging, not least due to the broad diversity of relevant products and the rapid innovation in this space.</p> <p>This webinar panel features speakers with experience in this area. It considered options for managing these challenges and look ahead to a possible IoT security certification scheme under the EU Cybersecurity Act.</p>	N/A	Closed	ICT
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55	E	12-06-2020	Webinar on "Telehealth breaking stereotypes and embracing technology"	IET - Future Tech Panel organised a webinar on "Telehealth breaking stereotypes and embracing technology", as a part of their weekly dialogues on various topics related to IoT and Future technologies and their implementation in various sectors.	<p>The Telemedicine Practice Guidelines issued on 25 March, 2020 enabled registered medical practitioners to provide telemedicine consultations to patients across the country. While this came as a good news for the stakeholders of the healthcare industry, factors like lack of internet access and data privacy among other issues have impacted its adoption.</p> <p>In the webinar issues concerning adoption of telehealth and challenges associated with it were discussed in detail.</p> <ul style="list-style-type: none"> • How to build a functional and robust primary healthcare and public health system in India? • Importance of using technology in healthcare to make it accessible and affordable • Future readiness and essential skills required for telehealth workers and practitioners • Overcoming challenges in rural areas and data privacy, policies and technology access • Understanding of Government and regulatory support • Importance of a universal health coverage system and why India needs it 	N/A	Closed	ICT
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56	M	16-06-2020	TEC Working Group (WG) meeting on "Security by design Principles in M2M device manufacturing and National Trust Centre for certification of M2M devices and applications	Working Group on "Security by design principle and National Trust Center on IoT" is working on finalisation of draft document on IoT security. SESEI is a member of this Working Group of TEC.	<p>Security by design principle and National Trust Center on IoT is a working group of TEC, specifically focused on the standardisation of security challenges in IoT and M2M in India . SESEI is a member of this working groups of TEC and participates regularly in the working group meetings to contribute.</p> <p>During the call, TEC informed that TEC has prepared a draft document based on the study of related document released by international organizations such as NIST, ETSI, ISO/IEC JTC1, ITU-T SG20 etc.</p> <p>Inputs/Comments received from members were discussed during the call.</p> <p>SESEI has provided inputs and suggested TEC to include ETSI standard ETSI TS 103 645 (became EN 303 645), the first globally applicable cyber security standard for consumer IoT devices as part of this report.</p>	Continue working with TEC on this subject	Closed	ICT
57	M	16-06-2020	EBG Telecom Sector Committee Meeting - virtual platform	Virtual Meeting of the European Business Group was held on 16th June 2020. SESEI is a members of the EBG and regularly participates in the	<p>The main points discussed during the meeting were</p> <ol style="list-style-type: none"> 1. Proposed Webinar on telecom /digital eco-system issues – 'Digital-Leading the Way to a New Paradigm'. 2. Production linked incentive and preference to make in India in Indian Govt procurement, 3. Issues related to value-addition, 4. Global tender enquiry, 5. Security testing requirements, 6. Source code, 7. Making work from home current relaxation under the OSP regime permanent, 8. TRAI recommendations to reform OSP guidelines. 	Continue working with EBG	Closed	ICT

				Telecom Sector Committee of the EBG				
58	M	17-06-2020	Meeting with IET Events / secretariat, InDiCo and SESEI Team to IET India Digital Conversations	<p>A con. call meeting was set up by SESEI between IET - Future Tech Panel and the IndiCo Officials to discuss possibilities of working together and promoting ETSI standards through their weekly digital conversations being organised by IET - Future Tech Panel.</p>	<p>The main discussion was held on the opportunity for</p> <ul style="list-style-type: none"> - IET India and the IET India Digital Conversations to partner and associate with ETSI and if it could be tied up with SESEI or EU-India in the coming months and do a series of webinars. - These can be min once in a month for 3 months or twice a month depending on the areas chosen under Future Tech, Future of Work and Future of Mobility. - It was agreed that IET - Future Tech Panel will share details of the webinar calendar for June till August 2020, with topics. - InDiCo indicated interest in topics on Smart cities and 5G 	Continue working with IET Future Tech Panel as chair of Working Group on Standards, Legal & Regulatory	Closed	ICT

59	M	17-06-2020	TEC: Virtual Meeting of NWG-20 for finalizing contributions for ITU-T SG-20 meeting, July 2020	TEC called a meeting of its NWG-20 Working Members to discuss and finalise submissions for the ITU-T , SG-20 meeting. TEC is participating in ITU-T SG-20 and submitting contributions from the last around four years. During this period there is remarkable achievements and its credit goes to the members of this group, who have devoted their time and	<p>The NWG -20 Working group has made significant contributions on the following documents;</p> <ol style="list-style-type: none"> 1. IoT Use cases: It is having five IoT use cases from India and one from Egypt. This published recommendation is available on https://www.itu.int/ITU-T/recommendations/rec.aspx?rec=13867. 2. Smart city use cases:- This document is having Smart city use cases from Japan, Korea, UK and India. It is available on https://www.itu.int/ITU-T/recommendations/rec.aspx?rec=14174 . <p>These use cases may be implemented in real time and may reduce the complexities of the concerned sector and inturn improve the quality of life.</p> <p>TEC has also been invited to work on Smart Rural Community - work item. It was created by Spain and no progress from 2018. India has more than 68% population living in rural areas, and it would be good study and may also help rural areas of India. The concerned document was shared with members for their inputs and further contributions.</p> <p>SESEI has provided inputs on “Smart villages pilot project: European Commission (EC)”.</p>	Continue working with TEC on this subject	Closed	Smart Cities
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				knowledge in preparing / refining of contributions time to time.				
60	E	17-06-2020	ETSI Security Week: Latest developments in IoT ecosystem and first preview of features in Release 4	Webinar on "Latest developments in IoT ecosystem and first preview of features in Release 4", as a part of the ETSI Security Week Series	This webinar provided an insight to the recent development in oneM2M with a preview on some of the new features of oneM2M's release 4 as well as an introduction to the oneM2M testing scope and related oneM2M Certification program, Interoperability events and Hackathons.	N/A	Closed	ICT
61	E	18-06-2020	ETSI Security Week: Security Challenges and Regulatory Aspects	ETSI organized a session on Security Challenges and Regulatory Aspects	This session discussed security challenges due to new technological advancements, and discussed regulatory aspects related to 5G security	N/A	Closed	ICT
62	I	18-06-2020	Preparatory Meeting for Steering Committee SC#3	Preparatory Meeting for Steering Committee SC#3	SESEI and Xavier Piednoir, held a meeting to discuss the proposed agenda and the SESEI expert reports to be presented during the Steering Committee Meeting to be held on 23rd June 2020	N/A	Closed	ALL

63	E	19-06-2020	ETSI Security Week: Industry Applications and Use Cases for Advanced Cryptography	ETSI organized a session on Industry Applications and Use Cases for Advanced Cryptography	The benefits of Advanced Cryptography are recognised by ETSI, as its members make developments and standards in Identity-Based Cryptography, Attribute-Based Encryption and other forms of Advanced Cryptography. This session focuses on applications of Advanced Cryptography, including a privacy-preserving electronic ticket scheme using attribute-based credentials to protect users' privacy, and a survey on how Attribute-Based Encryption could be deployed to protect mobile networks.	N/A	Closed	ICT
64	E	19-06-2020	Special Invitation: BIF-BE's The Digital Dialogues 2 on occasion of World Wi-Fi Day	The Digital Dialogues series, being organised by Broadband India Forum and Bharat Exhibitions in association with IEEE and TSDSI as esteemed Event Partners & AVIA as Support Partners, deliberated on the critical aspect of "the Role of Wi-Fi in	The session delved into how appropriate cultivating of Public Wi-Fi Service and access is in the interest of the people of India, and would lead to delivering 'Broadband for All', while also helping realise the 'Digital India' objective of the Government. Mr. Ajit Pai, Chairman of the Federal Communications Commission, USA, as Chief Guest, shared his global perspective and insights; - the session was chaired by Dr. RS Sharma, Chairman, TRAI. Shri Anshu Prakash, Chairman, DCC and Secretary, DoT; Ms. Dorothy Stanley, Chair of Wi-Fi Working Group, IEEE and Professor Abhay Karandikar, Former Chairman, TSDSI, Director, IIT Kanpur also joined the session to give their perspective on the role of Wi-Fi in Broadband proliferation , specially for India and its vast rural population.	N/A	Closed	ICT

				Broadband proliferation ”				
65	M	22-06-2020	TEC Meeting of the WG on Future Communication Technologies in IoT domain	TEC Called a meeting of the Working Group members of the "Future Communication Technologies in IoT domain"	Working Group members are currently in the process of drafting version 2 of the document on the Future technology. The Updated draft document will encapsulate all the new technologies, 5G , AI, ML, Blockchain , etc. the draft document is circulated to all members for their inputs and at each meeting the inputs received are discussed and finalised to be incorporated in the document. SESEI has provided inputs on e-Health, Smart Body Area Networks, and Medical devices and Smart Appliances.	Continue working with TEC on this subject	Closed	ICT
66	M	23-06-2020	Webex meeting of TEC on the "Standard on Energy Consumption Rating and Energy Passport"	TEC held the sub-DCC and Manufacturer Forum e-meeting on 23 rd June 2020 to discuss 'Energy Consumption Rating and Energy Passport for Telecommunications Products, Equipment	TEC organized a meeting of sub-DCC and Manufacturer Forum members to discuss 'Energy Consumption Rating and Energy Passport for Telecommunications Products, Equipment and Network/ Services Standard as prepared by TEC	Continue working with TEC on this subject	Closed	ICT

				and Network/ Services Standard as prepared by TEC				
67	I	23-06-2020	SESEI IV Steering Committee #03	Steering Committee Meeting No. SC#3 was held on 23rd June 2020 via GotoMeeting .	Meeting was attended by ETSI : Margot Dor, Xavier Piednoir European Commission: Silva Vicarro, Emilio Davila Gonzalez EFTA: Gudrun Rognvaldardottir CEN CENELEC: Jarita Christie, Asok Ganeshan, Wim Kesel The agenda of the meeting was; 1. Actions and Decisions before SC#3 2. SESEI Expert Report on status of the Project and Quarterly Progress and Milestones 3. Updates from Partners on other relevant India-related initiatives/activities	N/A	Closed	Generic
68	M	23-06-2020	Priority India meeting	CEC-CENELEC organized Priority India with SESEI	The agenda points for meeting were as below:. <ul style="list-style-type: none"> • Follow up actions • presentation on India's Trade and market access report • Digital & IT matters • Common slides for communication 	follow up on action items	Open	
69	E	24-06-2020	GoToWebinar - Standardization@3GP P: Webinar on RAN – 5G NR radio evolution	Webinar organised by EU - India ICT Standardisation on Collaboration on "Standardiza	Webinar covered following topics. - Generic overview of 3GPP RAN - Historical re-cap of cellular standardization - The 5G standardization work program: Release 15-16-17 - Benefits of becoming an active member in 3GPP. How to join the standards process	N/A	Closed	ICT

				tion@3GPP: Webinar on RAN – 5G NR radio evolution"				
70	M	25-06-2020	TEC: Next meeting/ con-call for " Finalizing IoT / ICT standards for Smart cities"	Meeting of the TEC Working on Finalizing IoT/ ICT standards for Smart Cities" was held on 25th June 2020 through remote participation using GoToMeetin g.	TEC is in the process of finalizing document on" IoT / ICT standards for Smart cities". In this regard, DDG (IoT), TEC called a meeting of the members to discuss the inputs and draft document. SESEI is one of the key contributors to the document and regularly participates in the meeting for finalisation of the report. SESEI has provided following inputs to be included in this report: - Policy initiatives and standardization work around smart cities in Europe At present the draft report has been finalised and is under review for the release of the report along with announcements on the National Standards for IoT/M2M	Continue working with TEC on this subject	Closed	Smart Cities

71	E	25-06-2020	IET India Digital Conversion powered by IET Future Tech Panel with Suresh Prabhu, India's Sherpa to G20	As part of the IET Digital Conversations webinar on the use of technology to put businesses back on the road to recovery.	<p>Webinar was on the fact that the ongoing pandemic has thrown multiple challenges to businesses, the right use of future technologies will undoubtedly help India Inc get back on track to business as usual and to help navigate businesses towards recovery.</p> <ol style="list-style-type: none"> 1. Insights from Shri Suresh Prabhu, India's Sherpa to G20 to business leaders and start-ups on ways to get business back on track in face of the pandemic 2. Perspectives on international markets and business revival 3. Industry leaders shared their approach and reactions to the pandemic and how they are navigating the turnaround 4. A Q&A session with Shri Suresh Prabhu, India's Sherpa to G20 & G7; 6 Times MP was also held 	N/A	Closed	ICT
72	E	26-06-2020	GoToWebinar - Ericsson Mobility Report & 5G : Trends and Possibilities	Ericsson & COAI organised a Webinar to share Ericsson Mobility Report & 5G	During the Webinar, Ericsson shared its Mobility report and Status of 5G rollout and its prospect, business case and use cases for India.	N/A	Closed	ICT
73	I	26-06-2020	Discuss Action Items from Steering Committee meeting no 3	Discuss Action Items from Steering Committee meeting no 3	SESEI expert and Mr Xavier (ETSI) discussed the action items arising from the last SC#3 meeting and decide the way forward to address them.	Address action items	Open	ALL

74	E	29-06-2020	THE DIGITAL DIALOGUES – III: Internet Governance Session 1: Introduction to Internet Governance: Actors, Issues, Trends & Opportunities	As a part of The Digital Dialogues - our signature discussion series, we are pleased to extend a special invitation to you to join us for a series on Internet Governance, being organised by BIF and BE, in partnership with CCAOI and with ICRIER as Knowledge Partner.	<p>The dialogue deliberated on the genesis of Internet Governance, the classification of the critical issues currently being discussed and the key actors involved globally. The focus was on the issues of relevance to India, India's engagement in Internet Governance so far along and plans for the future, along with a dialogue on the various ways for achieving the same.</p> <p>Shri Ajay Prakash Sawhney, Secretary, MeitY attended event as Chief Guest; Mr. Chengetai Masango, Head of the United Nations Internet Governance (IGF) Secretariat; Mr. Jovan Kurbalija, Director of Diplo Foundation and Head of the Geneva Internet Platform and Ms. Ankhi Das, Director - Public Policy, Facebook as Special Guests of Honour. Dr. Rajat Kathuria, Director and Chief Executive, ICRIER, were speakers at the webinar.</p>	N/A	Closed	ICT
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75	M	30-06-2020	Proposed First Meeting of the Standards, Legal & Regulatory Working Group of IET- Future Tech Panel on 30th June 2020	SESEI is the Chair of the Standards, Legal & Regulatory Working of the IET - Future Tech. He held the first meeting of the Working Group Members on 30th June 2020	The agenda of the meeting was to welcome all members to the SLR Working group, seek their commitment towards contributions and inputs for effective outcomes. In the meeting Scope of the Working Group - Objectives - Deliverables and approach to attain the deliverables was discussed. All this will form part of the charter of the Working Group.	Continue working with IET Future Tech Panel as chair of Working Group on Standards, Legal & Regulatory	Closed	ICT
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List of Queries addressed during the quarter (April-June 2020)

SESEI-IV								
Sr. No	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
1	3-Jun-20	Inputs to TEC report on Future Communication Technologies	Sushil Kumar <sushil.k.123@gmail.com>	ICT	TEC	Dear Sir, We have incorporated input on Healthcare and Smart Appliances (chapter 4.6 & 4.7) including a list of standards as an annexure 1 in the enclosed report.	Email query	Closed
2	8-Jun-20	Updates on Essential requirements included MCA for Ropeways	Pradeep Sodhi <Sodhi.Pradeep@doppelmayr.com>	Electrical Equipment and Consumer Electronics	Doppelmayr	Dear Mr Sodhi, I have not seen the final MCA for ropeways but the essential requirements which we had suggested or got it included are attached for your ready reference.	Email query	Closed

3	8-Jun-20	Inputs to an Articles: IEEE IoT Magazine Special Issue on Smart IoT Solutions for Combating COVID-19” and shared list of EN standards: narnix technolabs pvt. ltd	narnix kishor' <kishor@narnix.com>	ICT	narnix technolabs pvt. ltd.	<p>Dear Kishor,</p> <p>In response to the global coronavirus (COVID-19) pandemic, ETSI has established a new Industry Specification Group “Europe for Privacy-Preserving Pandemic Protection” (ISG E4P) to provide a standardization framework that will enable developers to build interoperable mobile apps for proximity detection and anonymous identification. This standardization framework will enable the development of interoperable systems to automatically trace and inform potentially infected users in addition to manual notification methods, whilst preserving users’ privacy and complying with relevant Data Protection regulation.</p> <p>Work of the new ETSI E4P group considers the proposed EC recommendation on a common Union toolbox for the use of technology and data to combat and exit from the COVID-19 crisis, in particular for mobile applications and the use of anonymized mobility data. It also reflects the EC Communication on Guidance on Apps supporting the fight against COVID-19 pandemic in relation to data protection. The group's activities will also leverage ETSI expertise in areas including cybersecurity, eHealth and emergency communications. The new group already comprises more than 10 organizations drawn from global telco operators, vendors and research centres from various activity sectors. ETSI anticipates many</p>	Email query	Closed
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					<p>more significant players joining the group in the near future. Read More</p> <p>CEN and CENELEC have also agreed to provide free download of standards which define the safety and quality requirements of medical devices and personal protective equipment used for the prevention of the contagion from Covid-19. This initiative is a response to the severe shortages of personal protective equipment supplies Europe is facing since the outbreak of the coronavirus. The aim is to ease and accelerate the access to market of these products in view of increasing the European production of masks and respiratory devices. The 11 standards developed by CEN and potentially 3 additional ones developed jointly with ISO made available cover common filtering masks, medical gloves and protective clothing. They are the fruit of a collective European effort. These European standards were developed and adopted by different Technical Bodies, taking into account the contributions of hundreds of experts and stakeholders in the personal protective equipment and medical field all around Europe.</p> <p>The list of the 11 standards developed by CEN follows:</p> <ul style="list-style-type: none">• EN 149:2001 + A1:2009 Respiratory protective devices – Filtering half masks to protect against particles - Requirements, testing, marking (commonly referred to as ‘FFP masks’)• EN 14683:2019 Medical face masks - Requirements and test methods		
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					<ul style="list-style-type: none"> • EN 166:2001 Personal eye-protection – Specifications • EN 14126:2003 + AC 2004 Protective clothing - Performance requirements and tests methods for protective clothing against infective agents • EN 14605:2009 + A1:2009 Protective clothing against liquid chemicals - performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only • EN 13795-1:2019 Surgical clothing and drapes - Requirements and test methods - Part 1: Surgical drapes and gowns • EN 13795-2:2019 Surgical drapes, gowns and clean air suits, used as medical devices for patients, clinical staff and equipment - Part 2: Test methods • EN 455-1:2000 Medical gloves for single use - Part 1: Requirements and testing for freedom from holes (MDD) • EN 455-2:2015 Medical gloves for single use - Part 2: Requirements and testing for physical properties (MMD) • EN 455-3:2015 Medical gloves for single use - Part 3: Requirements and testing for biological evaluation (MDD) • EN 455-4:2009 Medical gloves for single use - Part 4: Requirements and testing for shelf life determination (MDD) <p>In addition, upon CEN's request the following EN ISO standards are made available as read-only:</p>		
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					<ul style="list-style-type: none"> • EN ISO 374-5:2016 Protective gloves against dangerous chemicals and micro-organisms - Part 5: Terminology and performance requirements for micro-organisms risks • EN ISO 13688:2013 Protective clothing - General requirements • EN ISO 10993-1:2009 + AC 2010 Biological evaluation of medical devices - Part 1: Evaluation and testing within a risk management process <p>The European Commission (EC) has also adopted decisions on harmonised standards for medical devices to respond to the urgent need for high performing devices to be placed on the European market. The agreed standards allow device manufacturers to demonstrate conformity to the EU Medical Devices Directive, 93/42/EEC and provide companies with easy and direct access to the internal market for their products, while ensuring a high degree of safety for users and consumers. The standards cover the devices listed below:</p> <ul style="list-style-type: none"> • Medical face masks (EN 14683:2019) • Surgical drapes, gowns and suits (EN 13795:2019 parts 1 and 2) • Washer-disinfectors (EN ISO 15883:2018 part 4) • Sterilisation (EN ISO 13408:2018 and EN ISO 25424:2019) <p>The standards are available for free download from the websites of CEN national members</p>		
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4	11-Jun-20	<p>Dear Dinesh,</p> <ul style="list-style-type: none"> • Would be perfect if you can get from TEC updated date of the standard release – if they may share with you their current feeling about introducing 62209-3 now that is fully accepted (officially July now that the vote confirming it) in Europe. • Could you please confirm if an Indian Lab performs a certifying SAR Test, using -3 new standard (accepted in France/Europe) for CE certification, with the only purpose to allow the Maker to Export to EU countries, and this Lab had been accredited by Ilac local represent ‘India International Laboratory, India’ > it works (as if it was performed by a French accredited Lab)? • Last comment regarding “India does its own testing and doesn’t accept International reports” I 	<p>Didier BONNET <didier.bonnet@art-fi.eu></p>	ICT	ART-Fi	<p>Dear Didier,</p> <p>Sorry for the delay, please note below my comments:</p> <ul style="list-style-type: none"> • Would be perfect if you can get from TEC updated date of the standard release – if they may share with you their current feeling about introducing 62209-3 now that is fully accepted (officially July now that the vote confirming it) in Europe. <p>Dinesh => As per latest information, delay is temporary due to COVID, TEC still plan to release it soon possibly by July-August 2020 and in this release they are going to keep 62209-3 as optional.</p> <ul style="list-style-type: none"> • Could you please confirm if an Indian Lab performs a certifying SAR Test, using -3 new standard (accepted in France/Europe) for CE certification, with the only purpose to allow the Maker to Export to EU countries, and this Lab had been accredited by Ilac local represent ‘India International Laboratory, India’ > it works (as if it was performed by a French accredited Lab)? <p>Dinesh=> As I see on TEC website (https://www.tec.gov.in/list-of-cabs-designated-by-india/) there are 3 labs authorized (CABs) with one Indian (Wipro) and two International (TUV & UL) authorized to carry out SAR testing and I don’t think any as of now doing -3 testing because a) it is not mandatory/optional in India yet b) I don’t think</p>	Email query	Open
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		<p>thought it was currently accepted but that the new standard release was to make it mandatory for the tests to be performed in India, could you please confirm?</p> <p>Thank you again for your insights, looking forward meeting in person when next time in India.</p> <p>My best regards, Didier</p> <p>Didier Bonnet Business Development Director</p>			<p>any export scenario exist as of now however the same can be verified further by writing emails to these Labs.</p> <ul style="list-style-type: none">• Last comment regarding “India does its own testing and doesn’t accept International reports” I thought it was currently accepted but that the new standard release was to make it mandatory for the tests to be performed in India, could you please confirm? <p>Dinesh=> TEC accept international report until domestic/local infrastructure or Labs are not ready to carry out local testing</p> <p>Warm Regards,</p> <p>Dinesh Chand Sharma</p>		
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5	16-Jun-20	Inputs to draft 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 Sir,</p> <p>We have added following paragraph as part of this report under “Key initiatives by various international agencies” (page 14).</p> <p>- Technical Committee on Cybersecurity within ETSI (ETSI TC CYBER) has also released the first globally applicable cyber security standard for consumer IoT devices. The standard, ETSI TS 103 645, which became EN 303 645, establishes a security baseline for internet-connected consumer products and provide a basis for future IoT certification schemes. It has been implemented by many countries in EU such as Finland & UK.</p> <p>TC CYBER is also taking forward TS 103 701, which will set out test scenarios for assessing products against EN 303 645. It is to set out mandatory and recommended assessments, as well as guidance and examples to support their implementation. The document is intended to be used by testing labs and certifying bodies that provide assurance on the security of relevant products, as well as manufacturers that wish to carry out a self-assessment. The document is intended as input to a future EU common cybersecurity certification scheme as proposed in the Cybersecurity Act.</p> <p>Warm Regards,</p>	Email query	Closed
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6	22-Jun-20	Inputs on TD 850 R1 Y.SRC "Requirements for deployment of smart services in rural communities"	Sushil Kumar <sushil.k.123@gmail.com>	Smart Cities	TEC	Dear Sir, We have included an update from Europe on "Smart villages' pilot project from European Commission (EC) & Channelling policy support for Smart Villages" as part of Appendix I for consideration. Warm regards,	Email query	Closed
7	23-Jun-20	Inputs to SSD-10 of BIS	Services Sector Department II <ssd2@bis.gov.in>	Services	BIS	Dear Sir and Mr. Goswami (Convenor) agenda item 3 As briefed during the call, please find input on EU work carried out by its SDO CEN & CENELEC through its below TCs: - CEN/TC 428 - ICT Professionalism and Digital Competences - CEN/CLC/JTC 13 - Cybersecurity and Data Protection: - CEN/TC 445 - Digital information Interchange in the Insurance Industry: Look forward to work together. Regards	Email query	Open

8	7-May-20	Shared an article on "An overview of the M2M/IoT journey in India" for BIF's upcoming Bi-Annual Communique.	Kaustuv Sircar <kaustuv@broadbandindiaforum.com>	ICT	BIF	Dear Kaustuv, Please find enclosed the draft article. Regards, Dinesh Chand Sharma	Email query	Closed
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9	25-May-20	<p>Respected Sir, I am Avadhesh Singh working in TEC(telecom engineering centre). TEC is a government organization issues telecom standards applicable on indian market.At present we are working on 'Energy efficiency of telecom products and preparing standard on 'test procedures and test methodology of telecom equipment.</p> <p>In this regard, we need a ATIS document. Details are as below Number:Atis 0600015.02.2009 Name:ENERGY EFFICIENCY FOR TELECOMMUNICATION EQUIPMENT: METHODOLOGY FOR MEASUREMENT AND REPORTING - TRANSPORT & OPTICAL ACCESS REQUIREMENTS.</p> <p>It is requested to kindly arrange this document for our study.</p>	<p>avadhesh.singh48@gov.in <avadhesh.singh48@gov.in></p>	ICT	TEC	<p>Dear Avadesh Ji,</p> <p>I checked with ETSI:</p> <p>While ETSI has an agreement with ATIS for cooperation at 3GPP level, the needed standards as below is developed by ANSI and is sold by ATIS online https://www.atis.org/docstore/search.aspx. In view of this we are unable to secure a free copy of the same and only way forward is to purchase it online. As it may be helpful, ATIS/ANSI has already released a new version of this Atis 0600015.02.2016</p> <p>Regards, DInesh C Sharma</p>	Email query	Closed
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10	13-Apr-20	Shared copy of DVB CI Plus 2.0 standards based on ETSI TS 103 605	Jitender Kumar <jitender@bis.gov.in>	ICT	BIS	Dear Jitender Ji, Please find enclosed word and pdf file for the same. Regards, Dinesh Chand Sharma	Email Query	Closed
11	15-Apr-20	Shared presentations on Vienna and Frankfurt Agreement	betty.xu@sese.c.eu <betty.xu@sese.c.eu>	Generic	SESEC	Dear Betty, Please find enclosed copy of presentation used for Frankfurt and Vienna agreement. Unfortunately, I don't have ppt file hence copying Ines to share it if needed. Regards, DInesh	Email Query	Closed