

Sr. No.	Description	Total Until now	In Last Quarter
1	External Meetings	113	25
2	Internal Meetings	57	12
3	Events/Seminar/Workshop/Roundtable	72	15
	Total	242	52
4	No of Queries	78	14

SESEI-3

Monthly Activity Update : June 2017

Sr. No	CAT	Date	Meetings/Events:	Subject:	Outcome:	What Next	Status	Sector
1	M	06-01-2017	Conference call meeting with FICCI on the research paper on Accessible ICT	FICCI is developing a white paper on how technology is enabling people with disabilities and to prepare recommendations for strengthening it to promote greater inclusion of people with disabilities.	<p>SESEI expert was approached by FICCI team to contribute on the subject of use of ICT technologies to enable people with disabilities. SESEI is already working on this subject with MEITY/STQC/BIS/Accessible India campaign/Microsoft/G3ict etc. especially on adoption/transposition of EN 301 549 which is directly related to "Accessibility requirements suitable for public procurement of ICT products and services. SESEI shared a copy of detailed presentation on the subject and provided useful links in the matter as below:</p> <ul style="list-style-type: none"> - CEN CENELEC (BIS equivalent in EU and counter part of ISO & IEC global standards) work on accessibility including useful links to related communication, directives from European Commission https://www.cencenelec.eu/standards/Sectors/Accessibility/Pages/default.aspx - ETSI (ICT Standards Development Organization in EU) work on Human Factor http://www.etsi.org/technologies-clusters/technologies/human-factors-accessibility <p>Copy of the presentation is available here</p>	N/A	Closed	ICT
2	M	06-02-2017	Meeting at TEC - Security WG	A small meeting of Lead person cum Coordinator (LPCC) and few members of M2M Security sub groups was held on 2nd June 2017 in TEC.	<p>Proceedings of the meetings is:</p> <ol style="list-style-type: none"> 1. A presentation was made by Ms. Ratna Thakur, Director (SN) explaining progress of the five Sub groups so far. The timeline finalised (Annexure II) for future progress were intimated. It was intimated that timeline for approval of final document by TEC is 30th August, so all are requested to work accordingly such that it is achieved. 2. Mr. Sharad Arora explained the core objectives and base line document of the Sub Group 3 (Annexure III) dealing with Application Level security. Mr. Sharad Arora also outlined the tentative Scope proposed for all the Sub Groups (Annexure IV) provided by SN division, to avoid overlapping of scope of the sub groups. 3. In the meeting it was agreed that M2M Security WG Recommendations shall NOT aspire to be a standard, rather a guideline that prompts the use of appropriate standards in Policy Making and Deployment and shall act as guiding document for: <ul style="list-style-type: none"> ☑ The Industry that hopes to be benefited from the large opportunity of M2M / IoT ☑ The Government Policy makers who must act in the interest of the enablement of Indian Industry to develop products and solutions that can capture the global marketplace ☑ The End User and Industrial User of the new M2M / IoT Applications, whose safety, ease-of-use and interests must be safe-guarded <p>On review it was agreed that the following common charters presented by the SG-3 may be adopted as line items of core objectives for all the work groups</p> <ul style="list-style-type: none"> o Mapping with OneM2M nomenclature o Pointers to Regulatory / Policy / Certification matters relevant to Indian Context e.g(In case of SG-1) 	N/A	Closed	ICT

3	M	06-05-2017	Meeting with Mr. Vijay Madan, Chief Mentor Tata Teleservices	SESEI expert was requested for a meeting by Mr. Vijay Madan of Tala Telecommunications. Mr. Vijay Madan is regarded as mentor on issues concerning Security.	Meeting was asked to discuss following subject and their current status: 1. Smart City Mission of Ministry and its status 2. Smart City Implementation and roll of standards 3. oneM2M Common Service Platform and Security of it SESEI shared the latest status on all of above and importantly the roll of oneM2M Common Service Layer in Smart City rollout where security is also addressed end to end. During the meeting Mr Madan also informed that he has taken a retirement from Tata Teleservices and started his own consuting firm to remain active on the topic of ICT covering M2M/IOT, SECURITY and SMART CITIES.	N/A	Closed	ICT
4	M	06-06-2017	Meeting with Ms. Shilpi Batra, M2M+IOT FORUM	Meeting with Ms. Shilpi Batra took place to discuss and conceptualize, theme, agenda and programme for the 5th edition of India m2m + iot Forum 2018	SESEI is the Chairman of the advisory board of the India m2m + iot Forum. In this context, meeting was held with Ms. Shilpi Batra to discuss the initial high level agenda, theme , topics identified for the India M2M +IOT Forum 2018. The draft agenda and topics were discussed in detail. The next meeting of the advisory board is scheduled for 7th July 2017. SESEI expert use this platform to promote the work of ETSI, oneM2M, and 3GPP on M2M/IoT.	First advisory committee meeting on 7th July	Closed	ICT
5	M	06-06-2017	Meeting with Robin Grewal, Chairman& CEO STING: Strategic Technologies ImplementatioN Group STING Consortia / STING BroadBand Pvt. Ltd. 8A, Panchsheel Marg, Chanakyapuri, New Delhi - 110021. (India) Tel. +91-11-2611.7547, 4575-6844 Skype id : robinsting	As a follow-up to last meeting in May, Mr. Robin Adaval requested another meeting with SESEI to discuss possible areas of synergies.	SESEI Expert gave following updates again to Mr Grewal and suggested him to meet EU Delagtion officials responsible for ICT and Research. SESEI expert also connected Mr Grewal with Mr Klaus PENDL and Ms Tania Friedrichs: 1. The status of standardization work being carried out on 5G technologies and Broadband technologies. 2. 5GPP Project in EU 3. EU-INDIA PI on ICT Standards in which 5G is one of the subject 4. H2020 project in EU & ongoing cooperation with Ministry of Science 5. Ongoing activity with Department of Telcom and Telecom Centre of Excellence on 5G Research/Forum etc.	N/A	Closed	ICT
6	I	06-07-2017	Meeting with Xavier Piednoir to discuss the EN 301 549 Copyright	SESEI is working with Mr. James Thurston, Vice President for Global Strategy and Development G3ict – the Global Initiative for Inclusive ICTs on adoption of EN301 549 . In this regard SESEI expert is coordinating with ETSI adoption of EN 301 549 in India and globally through G3ict.	During Mr. Xavier Piednoir's visit to India for EU-INDIA PI ICT project and associated oneM2M developer event , SESEI arranged a meeting with Mr Piednoir to discuss the draft roadmap document prepared by G3ict on roadmap document of adopting EN 301 549.	Finalisation of G3ict EN301 549 adoption document with ETSI office	Open	ICT

7	E	8/6/2017 and 9/6/2017	"Developers Event" by India-EU Partnership Project on Collaboration for ICT Standardization.	oneM2M Developers Event was organized at C-DOT Campus under the aegis of the India-EU Partnership Project on Collaboration for ICT Standardization.	This Developers event was supported and endorsed by OneM2M and ETSI. The main focus of the event was to provide an overview of oneM2M standards and tools that are enabling interoperability and market growth in the Internet of Things. Many National and International speakers from ETSI and OneM2M presented valuable insights for developers active on the subject of IoT. The main objective through developer tutorial was to create an interactive and stimulating exchange of oneM2M based platform for developers and allowing them with hands on exercises. On Day One : A detailed tutorial on the OneM2M Standards and overview was provided, explaining with simple examples and demos how to quickly develop IoT applications. On Day Two: Hands on exercises on developing oneM2M applications, whether on the sensors/actuator sides or on the end user side were carried out. SESEI attended the event on day 1 to understand more on oneM2M platform and its usage in Indian scenario through localised application development.	N/A	Closed	ICT
8	E	06-09-2017	GoToWebinar - Standardising and Integrating Smart Cities: A Transport Use Case	India-EU Partnership Project on Collaboration for ICT Standardisation organised its fifth Webinar on Knowledge series on " Standardising and Integrating Smart Cities". In the fifth webinar the main topic was the use case on Transport	SESEI attended the webinar to understand the use case based on oneM2M based platform, project is promoting in India. In the webinar, a group of experts presented and debate on the rationale for their running field trials in the UK and their relevance to International markets. The main points for discussion were: reduction of costs and generation of commercial opportunities for cities; creation of a framework for innovation; aggregation of new and old infrastructure and data; integration of multiple urban and rural regions; and the provision of non-vendor lock-in solutions for authorities and other parties using transportation	N/A	Closed	ICT
9	E	06-10-2017	Second International Conference on Standardization, Patents and Competition Issues: Developments and Perspectives in the Asia Pacific region and Europe	JIRICO's (Jindal Initiative on Research in IP and Competition), organised their 2nd conference to explore the critical theme of Standardization, Patents and Competition Issues:, with a special emphasis to developments in the Asia-Pacific Region and Europe.	Mr Dirk Weiler, Head of Standards Policy, Nokia BellLabs & CTO and Chairman of the ETSI Board and Chairman of the ETSI IPR Special Committee had connected SESEI with the organiser. SESEI Exepert was invited to give a presentation on Challenges in Standards, digitisation. SESEI prepared a detailed presentation and gave an overview of: - Project SESEI and its objective - Standardisation in Europe: Best Practices - Digital Transformation: Challenges & What can we do (Digital Single Market – DSM) Copy of presentation is available here	N/A	Closed	ALL

10	E	12/6/2017 to 16/6/2017	ETSI Security Week 2017	ETSI's Security Week 2017 was held from 12th June 2017 to 16th June 2017 at ETSI's Headquarters, Sophia Antipolis, France. This year's event addressed key cybersecurity standardization challenges in the short, medium and longer term. The event looked at the different aspects of cybersecurity underpinning our digital world. The cybersecurity community came together at ETSI to network and exchange on the state of standardization for cybersecurity.	SESEI attended the Security Week to gain knowledge considering Security is a topic of Interest in India and is a part of ICT as a priority sector. Participation extended opportunity to SESEI expert finding out the latest on issues such as Cyber Security, Security challenges in 5G etc. The following topics were addressed during the week: <ul style="list-style-type: none"> - Which standards are needed to support legislation such as the Directive on the security of Network and Information Systems (NIS), General Data Protection Regulation, and the proposal for a Regulation on Privacy and Electronic Communications Code? - Sharing experiences one year after the eIDAS Regulation has entered into force - Standardization of registered eDelivery services - New types of threats introduced by virtualization of network functions and the means to mitigate them - Future challenges of securing 5G networks and shaping related standards. SE 	N/A	Closed	ICT
11	I	19/6/2017	Meeting with Luc Van den Berghe, CEN CENELEC MANAGEMENT CENTRE (CCMC)	During the course of this training session as arranged for the SESEI assistant SESEI expert sat through the session to afresh H2020 and its linkages with Standardisation.	Mr. Luc Van den Berghe of CENCENELEC , explained about the Horizon 2020 and the role of CEN CENELEC to encourage innovation and entrepreneurship, start-up to take up pilots with Horizon 2020 etc.	N/A	Closed	ICT
12	I	19/6/2017	Meeting with Ms. Monica Ibido, CEN CENELEC MANAGEMENT CENTRE (CCMC)	A meeting was held with Ms. Monica Ibido, to understand the progress made under the Smart City Coordination Group in which CEN CENELEC and ETSI are working together on the subject of Smart City.	Ms. Ibido provided details on the Annual Programme being organised by the Smart City Focus Group. Ms Ibido also informed SESEI expert about establishment of CEN-CENELEC-ETSI Sector Forum on Smart and Sustainable Cities and Communities, which basically replaced the Smart City Coordination Group in order to bring more smart city expert participation to the activities on this important topic. Information on below related activities around the world were also shared during the meeting: <ul style="list-style-type: none"> - ISO/TC 268 Sustainable development in communities - IEC Smart Cities - ITU- Smart and Sustainable Cities - The European Innovation Partnership for Smart Cities and Communities - The Smart Cities Stakeholder Platform - The EU2020 Strategy SESEI also briefed about progress made in India on Smart Cities.	N/A	Closed	SMART CITIES

13	I	19/6/2017	Meeting with EC Head & Director of Unit B3	Ms Silvia Vacaro SC member from EC organised meeting with her unit B3 (DG GROW) new Unit Head Mr Radek MALY, team members and Unit Director Mr. Joaquim NUNES DE ALMEIDA	<p>SESEI during the meeting with Unit Head and Team Members share following:</p> <ul style="list-style-type: none"> - Project SESEI flyer covering Objectives and Sectors - The Indian standardization landscape and its latest development - Milestones Achieved and Ongoing <p>Copy of the presentation is available here</p> <p>During the meeting with Mr Joaquim (Unit B3 Director) SESEI shared latest development in India, Trade, initiatives simplifying investment in India, Ease of Doing Business, MAKE IN INDIA, Smart Cities etc. SESEI also shared the project achievements and Milestone ongoing. Also used this opportunity to provide details of the proposed 3rd EU-India Dialogue proposed to be held in Q1-Q2/2018, which SESEI is planning to organize in Q1 2018 and requested Mr Joaquim to explore participation.</p>	Successful organisation of 3rd EU-INDIA Dialogue event.	Closed	ALL
14	I	20/6/2017	Meeting with Ms. Katja.MODRIC-SKRABALO, Policy Office at Unit B.1 Single Market Policy, Mutual Recognition and Surveillance, DG GROW	A meeting with Ms. Katja.Modric was organised by Ms. Silvia Vaccaro to have better understanding on CE marking, conformity assessment, NANDO and Blue Guide etc.	<p>SESEI Expert and SESEI Assistant attended this meeting cum training session. Ms Katza gave a detailed presentation covering topics of:</p> <ul style="list-style-type: none"> - Rules for products: Harmonisation at EU Level - Accreditation - Conformity Assesment - Market Surveillance <p>Session was very productive as there are always lot of queries from Indian side on these subject including the ongoing rule preparation at BIS. SESEI expert also shared the current state of affair on this at BIS.</p>	N/A	Closed	ALL
15	M	21/6/2017	Meeting with Belgium Accreditation Authority BELAC	SESEI requested a meeting through Ms Silvia Vacaro SC# member and Ms Katja Modric from EC, DG GROW with Notifying Authorities of Belgium	<p>SESEI asked for this meeting to better understand how the accreditation is carried out by an EU belgium authority. Meeting was very productive in which Belgium Authorities shared updates covering:</p> <ul style="list-style-type: none"> - The notification of conformity assessment bodies in Belgium: Why, Who, How and Belgian actors of the notification - Role of Notifying Authority: 1. Presentation of ENSURE (Safety Regulation Unit) and 2. ENSURE acting as Notifying Authority - Introduction to the Belgian accreditation body BELAC: In Europe, Worldwide, In Belgium - Some history on EU legislation for Goods - Accreditation as a tool for notification : the legal base - Accreditation as a tool for notification : the challenges <p>Session was very productive for SESEI expert as there are always lot of queries raised by Indian Industry on this subject.</p>	N/A	Closed	ALL

16	I	23/6/2017	Steering Committee Meeting No. SC#3	Steering Committee Meeting No. SC#3 of the Project SESEI 3 was held on 23rd July 2017 at ETSI Head Quarters at Sophia Antipolis.	The meeting participants were: Chair: Margot Dor (ETSI), Secretary, Xavier Piednoir, ETSI, Eric Marchand CEN/CENELEC, Silvia Vaccaro European Commission, Dinesh Sharma, SESEI, Priya Sawhney SESEI. During the meeting the following points were taken up for discussion: - Review of Actions of the meeting #2 - SESEI Expert Report A) Last Quarter Major Activities B)Project work plan and roadmap - SESEI Project Management - ETSI-BIS MoU - Proposed Joint conference " 3rd EU-India Dialogue , scheduled for Q1 2018. - Discussion on proposed New Reports (Sector specific)to be unveiled during the said event - Discussion on SESEI Project Report (Interim Report and other deliverables) Meeting concluded with an agreement to have a next steering committee meeting on 27th October 2017 at EFTA / or CCMC	Closure of SC#4 action items	Closed	ALL
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Monthly Activity Update : May 2017

Sr. No	CAT	Date	Meetings/Events:	Subject:	Outcome:	What Next	Status	Sector
1	E	1/5/2017 and 2/5/2017	4th National Standards Conclave jointly organized by Department of Commerce, Government of India, along with BIS, EIC, NABCB and CII	4th National Standards Conclave was organized by Department of Commerce, Government of India, along with BIS, EIC, NABCB and CII, on "Evolving a Comprehensive National Strategy for Standards Sectoral and Regional Inclusiveness"	SESEI was invited as a speaker for the session on "Digital and IT standards: Meeting Future Challenges". In this session, the constant evolution and innovation in this sector and the consequences were considered. The issues that are unique to this sector were raised and addressed to ensure continued relevance of any national strategy that is adopted. Specific barriers to trade, like localization barriers, etc. should be dealt with in a way that ensures that the national strategy creates a positive trading environment. It was an excellent opportunity for SESEI expert to highlight the strategy adopted by the European Standards making bodies, i.e. CEN, CENELEC, ETSI and EC/EFTA. SESEI expert used the opportunity to share following agenda item during the session - Project SESEI - Standardisation in Europe including best practices - Digital Transformation: Challenges & What can we do (Digital Single Market – DSM) Copy of presentation is available here	N/A	Closed	ALL
2	E	05-09-2017	Invitation to Europe Day Reception	Every Year Europe Day is organized by the EU Delegation to India	SESEI attended the Europe Day to meet and network with the European Delegation, Embassy officials and EU/INDIA industry	N/A	Closed	ALL

3	M	05-11-2017	EU Standards and EBTC - Synergies	A meeting was requested by EBTC to discuss about the possible synergies between SESEI Work areas and EBTC current portfolio	A detailed discussion was held between SESEI and EBTC Officials. Smart Cities and M2M was identified as the common areas of interest and cooperation. SESEI briefed them about the proposed hackathon/Developer event being organized by EU Delegation's EU-INDIA PI on ICT along with, CDOT and ETSI. EBTC officials expressed interest in the hackathon event as they are also involved in similar activities with Pune Urban Local Body and would be hosting a hackathon related to Smart Cities with them. SESEI agreed to synergies the efforts as much as possible in consultation with the ETSI and the EU Delegation ICT Project. Proposal of EBTC was shared with ETSI for their consideration under EU-INDIA PI on ICT	N/A	Closed	SMART CITIES
4	I	05-11-2017	Meeting with Mr. Adrian Scrase, CTO ETSI	Mr. Adrian Scrase, CTO ETSI visited India from 11th -12th May 2017, for participating in a Conference on 5G.	SESEI met with Mr. Adrian Scrase, CTO ETSI on 11th May 2017 during his visit to India to participate in a conference organized jointly by Bharat Exhibition and 3GPP. SESEI used this opportunity to brief Mr. Adrian about the progress made by the Project SESEI, Update on the ICT Sector in India, work done by TSDSI and TEC in India etc.	N/A	Closed	ICT
5	M	05-11-2017	Meeting between TSDSI with Adrian Scrase, 3GPP	A meeting between the TSDSI officials and Adrian Scrase, CTO ETSI was organized by SESEI . The meeting was attended by: 1. Dr. Abhay Karandikar, Chairman TSDSI 2. Dr. Kiran Kuchi, Chairman SG1 [Wireless Systems] 3. Ms. Pamela Kumar, Director General, TSDSI 4. Mr. Jishnu Aravindakshan, Chairman SG3 [Optical Access and Transport] 5. Mr. Satish Jamadagni , Vice Chairman SG1 [Wireless Systems] 6. Mr. B.S.Chauhan, COO, TSDSI 7. Ms. Jayeeta Saha, Secretariat , TSDSI	The meeting was extremely productive and helped in clearing a lot of issues, concerning adoption /Transposition of oneM2M and 3GPP specification in India by TSDSI etc. The highlights and the decisions taken during the meeting are as under: 1. TRANSPOSITION + IPR : TSDSI will leverage support from ETSI (specifically John Meredith and Adrian) to initiate the transposition process for all the 3GPP and OneM2M specifications) with the intention of meeting the June 2 deadline Response from Mr Scrase>>This action is underway. John Meredith will assist to the extent he can for the first round of transposition and will develop a robot customized for TSDSI to allow this to be automated in future.<< In order to address concerns within TSDSI we should schedule ASAP webinars on TRANSPOSITION by experts from various SDOs (ETSI, ARIB, ATIS etc.) to address the following key questions for 3GPP as well as One M2M– I. What is the TRANSPOSITION STRATEGY being adopted by the SDO? What are the pros and cons of transposition? How do they decide what to transpose and what not to transpose? How do they decide when to transpose (deadlines/schedule etc.)? Are IPR declarations/FRAND agreements ascertained before/after transposition? Who gives the go ahead /approvals for transposition? Response from Mr Scrase >>As explained during the call, ETSI routinely transposes all versions of 3GPP and oneM2M TSs and TRs as they become available. This is an automated process and ensures that Industry has access to European transposed instances of all 3GPP and oneM2M TSs and TRs. I recommend that TSDSI talks to Farrokh Khatibi (ATIS) who can explain the way in which North America approach this task. He also take a leading role in preparing the submission to ITU-R which is directly related to the transposition process. IPR is a separate and distinct subject and runs in parallel to the transposition process.	Ongoing Support	Open	ICT
6	E	05-12-2017	5G India 2017 International Conference	An Annual Conference on 5G was organized by Bharat Exhibitions along with 3GPP . Mr. Adrian Scrase, CTO ETSI and Mr. Dinesh Chand Sharma, SESEI participated in the conference as Speakers.	Mr. Adrian Scrase, Head of Mobile Competence Centre, 3GPP & CTO, ETSI was invited as the key speaker and the session moderator for the 5G Annual Conference 2017. SESEI, was also invited to moderate the session on " Key trends and drivers shaping 5G ". SESEI used this opportunity to highlight the work being done by ETSI and 3GPP on the 5G technologies.	N/A	Closed	ICT

7	M	15/5/2017	Meeting with Mr. Sachin Gaur , coordinator , India-EU Partnership Project on Collaboration for ICT Standardization.	SESEI organized a meeting with Mr. Sachin Gaur to discuss and provide support on behalf of ETSI for their upcoming events on hackathon/developer on M2M specifications	Meeting was used to discuss the agenda, participants and invitations. SESEI posted their event on Project Website also to have a maximum participant to this developer event	N/A	Closed	ICT
8	E	17/5/2017	Launch of IET lot Congress 2017 in Delhi - Le Meridien	The second edition of the IoT India Congress 2017 was launched in presence of the IET/IOT Community, Government and other Industry stakeholder	Launch of IET/ IOT 2017 edition was focused on identifying and enabling the key drivers this by driving business outcomes in IoT. A graphic capturing how this value will be delivered through the IoT was unveiled at the Launch event. The discussions and debates held during the panel session brought out the key drivers and the need for the stakeholders across industry to come together and reap the potential of IoT. Launch Event was joined by over 120 delegates and got graced by Smt. Aruna Sundararajan, Secretary, Ministry of Electronics & IT, India	Attend IoT India Congress 2017, Promote work of ETSI, 3GPP and oneM2M	Closed	ICT
9	E	17/5/2017	Launch of Boccard and Meura in India at the Residency of the French Ambassador H.E Alexandre Ziegler	SESEI was invited to attend the networking event co-hosted by Boccard and Meura (part of Boccard's group) at the Residency of the French Ambassador, H.E Alexandre ZIEGLER for their India office launch	This event was organized to celebrate "Boccard India Inauguration: A French Milestone in the framework of Make in India initiative". It was attended by high ranked officials from public and private sectors as well as the leadership teams of French companies who are making a mark in sectors like energy, oil and gas, food processing etc and other embassy officials. SESEI expert attend this event and utilised the opportunity to meet and network with the many French Entrepreneurs, Industry officials and embassy official and inform them about Project SESEI presence in India	N/A	Closed	ALL
10	I	19/5/2017	Catch-up Call with Xavier Piednoir,	A catch call between SESEI and Mr. Xavier Piednoir was organized to discuss the necessary action and status of the action items. ,	The main agenda points discussed during the catch up call are as under; - 3rd EU-INDIA Conference: Q1'2018 - What next - OneM2M and 3GPP transposition/adoption : Status of TSDSI progress on it - SC#3 outcome document: Discuss action items and prepare for SC#4 - EN 301 549 adoption process /roadmap document of James: Review the draft adoption paper prepared by James team and provide input in its finalisation - Travel and Meetings during the visit of SESEI expert for SC#4 & Security Week - EBTC m2m/smart city proposal - What to do and how best we can align it with oneM2M and EU-INDIA PI on ICT - BIS MoU - Status Update - BIF MoU - Status Update - Developer Conference and Expectation from SESEI?	SC#4	Closed	ALL

11	M	22/5/2017	TEC/DoT Sub Group-3 Application Level Security	Audio Call meeting of the Sub Group-3 Application Level Security was held on 22nd May 2017	<p>TEC has established a WG on M2M Security. Sub WG 3 is responsible for drafting report on " Application Level Security". A draft report was circulated earlier for feedback/comment. Meeting was called to review the report and re-define the ToC [Core Objectives]. Sub WG members agreed for below core objectives as part of this report.</p> <ol style="list-style-type: none"> 1. Mapping with OneM2M nomenclature <ol style="list-style-type: none"> a. Assimilate key inputs relevant and important to M2M Application Level Security from various standards [3GPP/ISO/IEC/IETF etc] and map these to the relevant OneM2M nomenclature b. Disclaimer / Reference of relevant TEC TRs 2. Pointers to existing Regulatory / Policy / Certification matters relevant to Indian Context e.g. <ol style="list-style-type: none"> a. Hosting of Application Servers in India b. Role of M2M Service Provider c. Registration Process for the M2M Service Providers d. E-KYC Norms and Aadhaar 3. Application ID and Registration <ol style="list-style-type: none"> a. Process for creating unique Application ID b. Process of Registration of Application IDs to M2M Service Provider 4. Role of UICC as a Secure Token <ol style="list-style-type: none"> a. Providing Trust for Application Level Security in addition to the Network Authentication within 3GPP networks b. Providing Trust for Application Level Security within non 3GPP Networks c. Providing Trust for Application Level Security for all M2M Gateways and M2M Nodes 5. Delegation of Trust to End Nodes [Candidate for delegation, in part or as a whole, to SG-4] 	Keep ETSI/oneM2M informed on its progress and take feedback/input to it for its alignment with oneM2M Security work	Open	ICT
12	M	22/5/2017	Meeting with Robin Grewal, Chairman& CEO STING: Strategic Technologies Implementation Group STING Consortia / STING BroadBand Pvt. Ltd. 8A, Panchsheel Marg, Chanakyapuri, New Delhi - 110021. (India) Tel. +91-11-2611.7547, 4575-6844 Skype id : robinstring	A meeting was requested by Mr. Robin Grewal to discuss 5GPP, EU-INDIA Cooperation on 5G, R&D and Innovation as he is exploring to provide a platform to Govt for research work around 5G in India etc.	<p>SESEI Expert gave following updates to Mr Grewal:</p> <ol style="list-style-type: none"> 1. The status of standardization work being carried out on 5G technologies and Broadband technologies. 2. 5GPP Project in EU 3. EU-INDIA PI on ICT Standards in which 5G is one of the subject 4. H2020 project in EU & ongoing cooperation with Ministry of Science 5. Ongoing activity with Department of Telcom and Telecom Centre of Excellence on 5G Research/Forum etc. 	N/A	Closed	ICT

13	M	23/5/2017	Meeting with Mr. Klaus Pendl at EU Delegation to India to discuss the EU-INDIA , coordination on 5G technologies	SESEI had a meeting with Mr. Klaus Pendl at EU Delegation office	This meeting was carried out before the meeting of SESEI Expert and Mr Tania Friedrichs and SESEI expert used the opportunity to brainstorm: - Cooperation between EU and India on 5G Technologies: why 5G research is not considered as part of EU-INDIA cooperation on R&D and Innovation, how Ministry of Communication and Ministry of Electronics & IT could be connected with Ministry of Science and Technology, Department of Science and Technology (DST) - Any specific Points for Joint Steering Committee for S&T propsoed to be help in Brussels on 6th June 2017	N/A	Closed	ICT
14	M	23/5/2017	Meeting to discuss "India-EU Joint Steering Committee on S&T Cooperation"	A meeting was requested by SESEI with Ms. Tania Friederichs at EU Delegation office in India. The meeting was requested with reference to the proposed India-EU Joint Steering Committee on S&T Cooperation which is planned for 6th June 2017 in Brussels. Ms. Silvia Viccaro from European Commission (Project Stakeholder) will be sharing status around standardization and cooperation with India on this subject through projects such as SESEI etc.	SESEI expert used this meeting opportunity to conversation around Research work & Standardisation activities in India.From the discussion points as listed below came out and they could be raised during this conference: a) Promote research communities to have participation in Indian Standards Development Organisation (SDO) such as BIS (CEN CENELEC equivalent) and TSDSI (ETSI equivalent). b) Researcher community shall use this SDO platform and start engaging at Global Platform such as ITU, 3GPP, oneM2M, ISO, IEC, ISO/IEC/JTC1 (as per their subject of interest) and promote their development/innovation to get standardised c) Researcher community shall use this SDO platform or create a consortium to participate in H2020 call for Tender around topics of relevance to India d) Creating Awareness of H2020 program to researcher community and SDO in India is also of utmost importance hence promoted e) DST shall explore creating a joint committee/APEX body/Board involving individual senior officials from Ministries, academia, Niti Aayog, SDO etc. to review and decide the topics of relevance for India in next 5-10-15 years and Map these topics for stakeholders in India and with topics available as part of H2020 for possible joint call or exclusive Indian research. Accumulate the funding for research under DST umbrella and distribute it corresponding to each topic in consultation with respective ministry (e.g. Energy with Ministry of Power, CPRI and ISGF etc.) and suggest them to open call for tender for these topics and make these research open for both Private (at least Startup/MSME) and public. f) Encourage or support financially STARTUP and MSME community for R&D and participation to Indian SDO. g) Indian SDO's shall have a dedicated unit/staff for addressing the R&D and innovation topic (like it is with CEN CENELEC and ETSI). These resources shall	Collect feedback post meeting	Open	ALL

15	M	26/5/2017	Conference Call of the Smart Cities Working Group	The main agenda of the audio meeting of the Smart Cities working Group was to discuss the draft Reference document for Smart Cities	During the call draft document "GENERAL CHARACTERISTICS AND PLANNING TOOLS FOR SMART CITY DESIGN" (https://drive.google.com/drive/u/0/folders/0B6LzSUVcq17tUVJNRmVVVfItdWc) was discussed. SESEI expert suggested WG shall first and ASAP prepare 1-2 pager recommendation and submit this to Ministry of Urban Development implementing Smart City Mission in India. This paper shall cover important aspect such as implementation of oneM2M based Common Service layer and other application related recommendation already finalised as part of other reports on M2M/IOT by TEC. CDOT supported this and assured to provide input on oneM2M based Common Service layer. Other members are also suggested to include a) City Surveillance, Service Layer Security and GIS as part of this report. This report shall also be simplified further by changes/updates as below: <ul style="list-style-type: none"> • Fugal innovation shall be moved as an Annexure • Chapter 8 and Chapter 9 shall be clubbed and moved as an annexure • Chapter 7 to be main part of the document • Earlier TEC report to be reference wherever possible 	Once finalised share the report with Project stakeholders	Open	SMART CITIES
16	E	30/5/2017	Curtain Raiser : India Mobile Congress 2017	Department of Telecommunications along with the Cellular Operators Association is putting together the India Mobile Congress 2017. A curtain raiser to the same was held on 30th May 2017	SESEI attended the Curtain Raiser : India Mobile Congress 2017. This gave him an opportunity to meet and network with the ICT stakeholders, Ministry and DoT officials etc. SESEI also go the opportunity to understand the main focus of the India Mobile Congress scheduled for September 2017 in India.	Attend the India Mobile Congress and report back to project stakeholders	Closed	ICT

Monthly Activity Update : April 2017

Sr. No	CAT	Date	Meetings/Events:	Subject:	Outcome:	What Next	Status	Sector
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1	M	03-04-2017	ASSOCHAM National Council on Communications and Convergence Meeting	ASSOCHAM called the meeting of their National Council on Communications and Convergence. ASSOCHAM had invited Joint Secretary, Department of Telecom, Government of India to Address the members. Project SESEI as ETSI LO is a member of ASSOCHAM and attending the work of this council as associated with Project Priority Sector of ICT	<p>During the meeting following topics were taken up:</p> <p>1. Ease of Doing Business: TRAI has issued a consultation paper on "Ease of Doing Business". It was agreed that ASSOCHAM will be circulated the prepared response to all the members for their further comments, finalise it and submit to TRAI</p> <p>2. Right of Way (RoW) Issues: Members raised concerns on the challenges being faced by the Infrastructure providers with the local municipal/ state bodies concerning RoW, even though a uniform policy on RoW has been issued. It was recommended that an extensive RoW campaign programme on the similar lines as "EMF and Towers campaign" should be initiated with support from DoT in various parts of the country and with the help of sectorial associations such as COAI, TAIPA and AUSPI. Joint Secretary, DoT stated that RoW policy issued by DoT is a first step towards regulating the RoW activity across the country. He also agreed to provide all possible support from DoT and endorse/ participate in RoW workshops.</p> <p>3. Goods & Service Tax (GST): The council submitted their concerns to the Joint Secretary DoT on the impact of GST on the telecom industry. It was also agreed that not all but only 3-4 key issues should be put forward to DoT for their further recommendation to Ministry of Finance. The GST issues put forward were;</p> <p>a. Rate of GST for Telecom Industry</p> <p>b. Inclusion of Tower and shed for Cenvat credit, etc.</p> <p>The special sub-committee on finance will prepare the representation for DoT on GST issues and meet with Mr. Shashi Ranjan in the coming week.</p> <p>4. Domestic Manufacturing Policy: Joint Secretary explained that the domestic manufacturing policy of Telecom Products has been prepared, within the periphery of WTO and to encourage the indigenous manufacturing.</p> <p>5. Release of E&V Bands: The council explained the need for release of the E & V</p>	Keep a Track on these important policy matter and report to Project partners	Closed	ICT
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2	M	05-04-2017	Electronics & IT Standards Council Meeting	<p>"Electronics & IT Standards Council" Meeting was held on 5th April 2017 at India Habitat Centre, Lodhi Road, New Delhi. The main aim of the meeting was to discuss the restructuring of the "Electronics & IT Standards Council" as "Digital & Electronics Council of India". The meeting was chaired by Council Chairman Shri Arvind Gupta, who is also the Chairman of the BJP's Digital India Foundation. It was informed that the newly restructured council will be launched during the week starting 8th May 2017.</p>	<p>SESEI expert is a member of the council and contribute input to Compulsory Registration Order [CRO] scheme applicable to Electronics & Consumer Electronics Items. During the meeting, It was also informed that a website of the new council will also be launched during the event. The website will provide all the latest technology updates apart from the council efforts. Some of the verticals included in the newly structured committee would be:</p> <ol style="list-style-type: none"> 1. E-waste 2. Affordable Access 3. Standards 4. Public Procurement 5. Counterfeit, etc. <p>An event will be planned for its launch and during this proposed event a paper on counterfeit will also be released by the council.</p> <p>Participation in the new Council: Apart from the existing members of the Council, it was informed that academic institutions have also shown interest in the membership. Members agreed to include IIT-BHU and MDI (Management Development Institute) as part of the council. Members also agreed that media should not be provided membership of the council or invited for its meetings.</p> <p>Mr. Arvind Gupta, informed the members that under the Digital India, the government plans to digitize all verticals possible for making a connected society.</p> <p>Due to recent demonetization activity, e-payments is the flavor of the times. The government will be soon be focusing on the e-health with policy directives, pilots and other initiatives.</p> <p>Post this meeting more details were received on this new "Digital & Electronics Council of India" as available in this hyper link. This council has done great work on the subject of BIS Act amendment, CRO scheme etc. and SESEI expert could utilised his access to provide best practices and input to both of these subjects</p>	<p>Check if Project SESEI could continue working with the council at no cost to it else take up the matter with SESEI SC# members for their review and approval</p>	Open	Electrical Equipment including consumer electronics
3	I	05-04-2017	Conference call with Margot Dor, ETSI	<p>SESEI scheduled a Conference call with Margot Dor, ETSI to discuss the upcoming visit of DG ETSI and Ms. Margot Dor, Strategic Director, ETSI to New Delhi India</p>	<p>Conference call was organised to discuss the forthcoming visit of DG ETSI and Ms Margot for organising meetings at the sidelines of one day workshop on "Future proof smart cities with a common service layer: a standards driven approach" held under the other EU funded project "India-EU Cooperation on ICT-Related Standardization, Policy and Legislation". Event was organised by ETSI and TSDSI in association with C-DOT and is happening on 21st April 2017. A meeting time with Head of CDOT and to review SESEI project progress was agreed.</p>	<p>Success of Visit</p>	Closed	ICT & Smart Cities

4	M	07-04-2017	IET IoT panel Members Meeting	Meeting to finalise the WG charters for 2017 and IoT Congress 2017	<p>SESEI expert is chairing their WG on Standards & Regulatory. The main agenda of the meeting was:</p> <ul style="list-style-type: none"> - Introduction to IET, Local Networks and IET in South Asia - Vision IET IoT Panel by Chairman Dr. Rishi Bhatnagar - Expectation from the committee - Working Group Chairs – Charter for 2017 and what support the committee may require - IET IoT Congress 2016 – Highlights and Plan for 2017 and Distribution of closure report IoT Congress 2016 - Plans for IoT Congress 2017 <p>Following Working Group are active as part of this IET IOT Panel:</p> <ol style="list-style-type: none"> 1. Healthcare, 2. Telecom, 3. Energy, 4. Smart Living, 5. Ganga Rejuvenation, 6. Skill Development, 7. Standard and Regulatory (Chaired by Dinesh Chand Sharma), 8. Social Sector <p>In the meeting the following points was also discussed in detail basis feedback from WG members:</p> <ol style="list-style-type: none"> 1. Process of Induction of new members in IET IoT Panel 2. Process for changing the working group from current working group 3. Process for letting go member who are not contributing <p>SESEI use this platform and opportunity to share and promote work at EU [ESOs, OneM2M, 3GPP] on the subject of M2M/IOT. WG on Standard and Regulatory have been tasked to produce a white papers / advisory notes and participate in relevant workshops / conferences to promote the panel work on this subject</p> <ol style="list-style-type: none"> i. Standards & Policy work around M2M/IOT: Report shall capture the consolidation of work carried out in India and Globally. ii. Right to Privacy, Data Security and Data Ownership: Since data volumes are going to underpin an IOT transactional environment, some part of such data will 	Continue promoting oneM2M work and contribute relevant work carried out at ESOs and oneM2M on this subject	Closed	ICT
5	I	11-04-2017	SESEC Webinar on IoT	A webinar was presented by SESEC to provide a general overview of the regulatory environment in China concerning growth of IoT. SESEC provided details of the policies of the Government and their influence on IoT standardization, mapping of key players and the key standards under development with regards to IoT standardization in China, European approach and practices in IoT standardization would also be addressed at the webinar. Interested parties are welcome to participate!	SESEI attended the webinar to understand the M2M/IoT policy and standardisation work in China as it may help taking up this subject in India especially on OneM2M adoption/transposition which has been adopted by CCSA.	N/A	Closed	ICT

6	M	12-04-2017	EBG members meeting to discuss trade barrier issue in India : ICT	A meeting was proposed and organized by Nokia with other European Telecom Manufacturers [members of EBG] to discuss the Trade Barrier issues.	SESEI is a member of EBG and is working closely with EU Industry members and extending all possible help to resolve/address them. SESEI was invited to attend this meeting to share input/suggestion as a way forward. EU Delegation, Swedish and Finland Embassy officials were also invited. The main agenda for the meeting was to: 1. Stake holder finalization for the govt. roundtable. 2. Discuss and decide way forward on the issue of Basic Custom Duty being proposed on Telecom Equipment / classification of ITA under Non ITA category. 3. Discuss and decide way forward on the issue of PMA Policy – 60% local value attribution to local IPR. Group decided to carry out a study/impact assesment report through an external agency and use EBG as a platform to take up all of these issues with Government of India - Ministry of Commerce. Agency such as ICRIER have been contacted to carry out this study as a neutral body.	Continue working to EU Industry stakeholder and support addressing their trade barriers and report back to SC# members	Open	ICT
7	M	13-04-2017	Meeting with DDG (NT) Department of Telecom on behalf of Chair of WG on Standards & Regulatry at IET IOT PANEL	IET IoT Panel Chair arranged a meeting between IoT WG on Standards & Regualtory and Telecom and DDG (NT) DoT	Meeting was arranged to appraise DDG and his team member about the charter of IET IoT WG's on Telecom and Standards & Regualtory. Chair of WG's explained the scope of WG and the charter and seek advice, input and support to address this important subject of M2M/IOT from Policy, Standardisation and Legislation prospective. SESEI expert highlighted the planned deliverable of white paper on Standards & Policy covering work in India and Globally including information of Privacy and Security. Once finalised copy of the same will be shared with DDG office and target is to finish and launch it at the IoT Congress 2017 scheduled for September 2017	N/A	Closed	ICT

8	E	18-04-2017	Conference on : Building ICT - Infrastructure : Connect the Unconnected'	Confederation of Indian Industry (CII) organized a Conference on "Building ICT Infrastructure: Connect the Unconnected" . The objective of this Conference was to discuss and evaluate the possible areas of collaboration between the industry, government and various stakeholders to maximize the asset utilization of Telecom Infrastructure sector and to drive the "Digital India" initiative and focus on the development of a sustainable and inclusive digital ecosystem.	<p>The main highlights of the conference were :</p> <ul style="list-style-type: none"> - With the ongoing data explosion coupled with government's thrust on socio-economic development and financial inclusion, the outlook for the telecom infrastructure sector remains positive. - Several opportunities will arise for the sector for implementation of smart city initiatives, digital India initiative, data usage surge, connected infrastructure and country wise fiberisation that can be capitalized on. - Digital India initiative which is one of the flagship programs of the Government of India which aims at providing universal access to mobile connectivity and internet to the remote corners of the country, the infrastructure sector by way of their ubiquitous footprint can leverage the existing assets and play a significant role in the creation of digital assets and enable optimized delivery of digital services while being cost effective. - Telecom infrastructure sector can facilitate the rapid roll out of 4G/5G technology and Wi-Fi based solutions for offloading data traffic; small cells and In Building Solutions and can contribute significantly to the dream of "Digital India". - The infrastructure sector need to move in a collaborative way towards end-to-end network solutions, upgraded solutions, and network management services along with the tower deployment business. <p>Minister of Communication and Additional Secretary Department of Telecom, Ministry of Communication and TRAI Chairman inaugurated the conference. Panel discussion was carried out on a) Role of ICT infrastructure in unlocking potential of digital services and smart cities b) Role of Government and Infrastructure Provider to build world class ICT infrastructure. Various mission mode project covering Broadband for all, Implementation of NOFN, Telecom to be given a Infrastructure Status , network sharing shall be exploited well connecting the rural india, Potential connected with Aadhar Identity database,</p>	N/A	Closed	ICT
9	I	19-04-2017	Meeting with Mr. Luis Jorge Romero , DG ETSI and Ms. Margot Dor	SESEI organized a meeting with Mr. Luis Jorge Romero , DG ETSI and Ms. Margot Dor during their visit associated with other EU project on ICT Standardisation and associated event	<p>SESEI utilised the meeting opportunity to discuss and review the Project SESEI, its current efforts, focus areas and future milestones and deliverables. Many topics such as below were covered during the meeting:</p> <ol style="list-style-type: none"> 1. Latest update on ICT Sector in India covering Reports from Gartner, Security Roadmap by Nasscom adopted by Ministry of Urban delvelopment as part of smart city mission, 2. Telecom Secretary transfer as WTO Ambassador, new DG TSDSI, progress of TSDSI, TEC, CoE initiative of MEITY/NASSCOM. 3. TRAI Consultation Paper on a) Net Neutrality b) Sustainable Telecommunication c) WI-FI hot spot etc. 4. E & V band release progress at DoT 5. Mandaory reporting of Cyber Security Incidents 6. Strong Push to use m-Wallet after demonatissation 7. Wi-Fi Services in Flight proposal by DoT 8. OneM2M adoption by TSDSI 9. 5G research work and workshop in DoT by TSDSI, Research funding with METIY and not DoT etc. 10. Hackthon as proposed part of EU-INDIA Project on ICT Standards 11. Proposed 3rd EU-INDIA Conference on Standards in Q1'2018 12. BIS-ETSI MoU 13. Hosting of LI meeting in India by CDOT 	N/A	Closed	ICT

10	M	20-04-2017	Meeting with Executive Director CDOT and his team along with Mr. Luis Jorge Romero , DG ETSI and Ms. Margot Dor	Meeting was held with the CDoT officials along with Executive Director CDOT	Meeting was held to discuss a)OneM2M specifications and its adoption in India b) Proposed hackathon and its scope c) Scheduled Smart City Conference at CDOT flow d) CDOT hosting LI meeting in India. ETSI with valuable but limited support of SESEI expert and the EU Delegation's ICT Chapter are working together with CDOT to hold developer tutorial and hackathon in India based on Onem2m specifications and standards.	N/A	Closed	ICT
11	E	21-04-2017	Under the EU funded project "India-EU Cooperation on ICT-Related Standardization, Policy and Legislation", ETSI and TSDSI in association with C-DOT organized a one day workshop on "Future proof smart cities with a common service layer: a standards driven approach"	A full day conference was organized jointly by India – EU Collaboration project and C-DOT and TSDSI.	The main highlights of the workshop was to discuss and engage with the smart city stakeholders in India and provide them with the latest standardization developments in the field of IoT. Promote the CDOT platform based on OneM2M standards and encourage Indian stakeholder involved in Smart City Mission Project to integrate the platform as part of ICT and - ICT technology, and more specifically, Internet of Things (IoT) or Machine to Machine (M2M) communication are thus very important in realizing the objective of making cities smart. - Mr. Luis Jorge Romero and Ms. Margot Dor from ETSI and Dr Omar Elloumi, Nokia, oneM2M TP Chair, Mr. SeungMyeong Jeong Sr. Researcher, KETI, Korea, participated as esteemed speakers at the workshop and gave a detailed perspective about the telecom standards and their wider adoption, specifically the OneM2M specifications. - Case studies of Smart City of Bordeaux, France by Mr Christophe Colinet , Smart Cities of Italy by Mr Roberto Gavazzi, Telecom Italia, Chandigarh Smart City (ITS), India and Surat Smart City were presented. For the agenda and copies of presentation please refer the hyper link	Continue support to promote OneM2M standards in India as part of ICT Priority sector	Closed	ICT
12	M	24-04-2017	IET IoT Panel WG on Standards & Regulatory WG Con call	Conference Call to discuss the progress of WG Standards & Legislation Charter and scope	SESEI being a WG Chair organised a call to discuss the following agenda: - Final review on the charter - Inputs/outputs from other WG consolidating policy and standards - Frequency of follow-up conference calls/meeting - Whether to release one white paper(WP) consolidating all work or three white papers The detailed Minutes of Meeting are available at this hyperlink	N/A	Closed	ICT
13	E	24-04-2017	Release event of the 2017 edition of the EBG Position Paper	EBG - release of position paper 2017	SESEI attended the Release event of Position Paper by EBG. SESEI is an active member of the EBG Telecom Committee and has contributed towards the standards, Smart City and M2M/IOT section in the ICT / Telecom Chapter of the Position Paper	Share the final soft copy as and when available with SC# members	Open	ICT
14	M	25-04-2017	Meeting with Mr Siddharth Sharma from Bharat Exhibition	Meeting was requested by Mr Sharma to discuss 5G event and session SESEI expert requested to Moderate.	Bharat Exhibition is an authorised agency to carry out promotion of 3GPP release/technology promotion. They succesfully delivered the LTE update in India and now the same series has been changed to 5G India. ETSI/3GPP CTO Mr Adrian Scrase is the key note	Succesful delivery of the event	Closed	ICT
15	I	25-04-2017	Audio Conference call meeting with the Coordination Group on Smart Energy Grids: Plenary meeting	Plenary Meeting of the Coordination Group on Smart Energy Grids.	SESEI attended the plenary Meeting of the Coordination Group on Smart Energy Grids. As suggested by CCMC SESEI provided a detailed presentation on current smart grids standardization activities in India. Copy of the presentation is avaiabe here	N/A	Closed	Electrical Equipment including consumer electornics

16	E	26-04-2017	ITU-APT Foundation NFAP 2017 workshop	Workshop on National Frequency Allocation Plan 2017	ITU-APT Foundation India organised a workshop to discuss the National Frequency Allocation Plan 2017. SESEI on invitation attended the workshop to understand the changes proposed to allocation plan in view a) M2M/IOT Uptake in India b) 5G. Workshop agenda had three technical session as below and industry and government officials from Department of Telcom and Broadcasting participated the workshop: 1. Technical Session 1: Spectrum from 100KHz to 960 MHz 2. Spectrum from 960 MHz to 6 GHz 3. Spectrum above 6GHz. SESEI during the Q&A session highlighted the ETSI TC RRS work especially TS 103 379 supporting the LSA (Licensed Shared Access) which was also the interest of India, ETSI TR 103 113, TS 103 154 and TS 103 235 on Mobile Broadband Services in 2.3 TO 2.4 GHz and faster availability of E and V band for the sector to rollout broadband services PAN INDIA	N/A	Closed	ICT
17	M	26-04-2017	Meeting to discuss 5G Research Work in India	A meeting was organized between TCOE (Telecom Centre of Excellence) , SESEI and DDG (IC) DoT to discuss the 5G research work in India.	SESEI used this opportunity to suggest a) India should prepare a) 5G vision paper [EU similar paper copy shared] b) Focus shall be towards building Services considering India's strength c) Implement something similar to 5GPPP in India d) Establish a Board with equal participation of Govt. Academia, Industry etc. which shall approve the services suitable for India e) Bring other stakeholders such as DST, MEITY on board for cumulative funding f) Invite Industry and academia to join the form/consortium g) Call for open tender to carry our research work on identified topics h) Link work with mission mode project such as digital india, smart city, manufacturing - make in india, clean india etc. i) develop Large Scale Pilots j) develop a technology platform to test the developed technology k) standardise developed solution through TSDSI/BIS => 3GPP, oneM2M etc.	Continue Supporting the development and share the best practices adopted/implemented by EU on this subject	Closed	ICT
18	M	26-04-2017	Conference Call of Task Group on "Common Service Layer in Smart City Architecture" under the panel LITDC/P2 on Smart Infrastructure under LITD Council, BIS	The First Con Call of the Task Group on "Common Service Layer in Smart City Architecture" under the panel LITDC/P2 on Smart Infrastructure under LITD Council, BIS was held.	The main Agenda for the call was as to discuss the proposal prepared by CDOT on Common Service Layer in Smart City Architecture. During the call all the benefits available with oneM2M based platform for common service layer, which is the only global interoperable standards available as on date. While most of the members agreed to proceed forward with the proposed architecture, few members of the WG raised a concern and asked to carry out more studies. Call was closed by suggesting to these members raising concerns to bring the alternative platform details, which shall be presented in the next meeting of the panel.	Keep a track of its progress in view of oneM2M update in India and report to SC# members	Open	ICT
19	E	27-04-2017	Workshop on Smart Transportation by NIUA	Workshop on "City Pain Points- Transport and Mobility" was organised by BIS at NIUA (NATIONAL INSTITUTE OF URBAN AFFAIRS)	Workshop was organised during the visit of Mr. Hiro Sakai, Convener, ISO/TC 268/SC 1/WG 3 (Smart transportation). Mr. Hiro Sakai gave a presentation on Intelligent Transportation, in his presentation; he covered different aspects of intelligent transportation. In his presentation, he also emphasized that smart transportation for one city may not be a smart solution for another city. Rather, the specific city issues to be considered and analyzed in order to bring a smart intelligent transportation system. He also emphasized that even though Japan has complete knowhow in High End Technology in Smart Transportation, but India has a unique expertise in deploying such technologies in Highly populated geographies, and India could develop global standards around it and guide other nations with its experience. SESEI attended this workshop in view of project association with BIS and Automotive and Smart City as Priority sectors.	N/A	Closed	Automotive & Smart Cities

20	M	28-04-2017	Fifth meeting of Panel for Smart Infrastructure at BIS	FIFTH MEETING OF PANEL FOR SMART INFRASTRUCTURE, LITDC/P2	SESEI expert regularly participate in this panel meeting as an observer and use the opportunity to align the oneM2M work & platform as a common service layer architecture as part of SMART city mission in India. Detailed Minutes of Meeting are available in	Keep a track of its progress in view of oneM2M update in India and report to SC# members	Closed	ICT
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SESEI-3 : List of Queries								
Sr. No.	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
1	29-Jun-17	<p>Dear Sir,</p> <p>This is with reference to the request received from MeitY to prepare "Procurement Specifications/Guidelines for Accessibility" document. We have prepared the Procurement Specifications/Guidelines for Accessibility document and have referred European Standards along with other standards.</p> <p>We have incorporated suggestions/feedback received from various experts.</p> <p>We request you to give your kind consent as soon as possible on the document enclosed herewith. Kindly help us to understand about permission or approval to be taken for the same.</p>	Lenali Singh	ICT	<p>Lenali Singh <lenali@cdac.in> > CDAC research institute of Ministry of Electronics & IT</p>	<p>Dear Ms Singh, and all</p> <p>Apologies for a delay in response due to my travel.</p> <p>First of all, I must congratulate the entire team in CDAC and MEITY involved in drafting this important standard to address this important/critical needs of Accessibility requirements suitable for public procurement of ICT products and services.</p> <p>We briefly discussed on it last weekend and your understanding is very much right that ETSI standards are freely available for download and for reference. We will help in all possible ways to take this drafted standards to its quickest possible conclusion related to its adoption/approval/copyright.</p> <p>While I go ahead sharing this document with respective ETSI Program manager to further review it, may I request you or your office to please review and complete the enclosed copyright document as it will help for this permission/approval. Copy of drafted standard is available here</p> <p>Further the matter has been taken up with ETSI for response: Dear Emmanuelle and Xavier</p> <p>Centre for Development of Advanced Computing (CDAC) under Ministry of Electronics & IT (MEITY) have drafted enclosed standard based on our EN 301 549 standard. My quick review indicate it to be verbatim of our EN. For more information please note below their email and my reply on it.</p>	Email Query	Open

SESEI-3 : List of Queries

Sr. No.	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
2	19-Jun-17	Technical Input to TEC Report on Smart Homes	Sushil Kumar Dy. Director General (IoT),	ICT	Telecommunication Engineering Center, Department of Telecommunications, Ministry of Communication & IT Khurshid Lal Bhawan, Janpath, New Delhi-110001 +919868131551	SESEI expert was one of the contributor to this report and with the help of input from Partner we were able to contribute to it especially Figure 14, Table 2 listing global standards covering 3GPP, oneM2M, ETSI and CENELEC to it covering work around LTN, SAP, HBBT. Copy of the report is available here	Email Query	Closed

SESEI-3 : List of Queries

Sr. No.	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
3	17-May-17	<p>Query 1: Dear Mr. Dinesh,</p> <p>We are seeking the following</p> <p>We need to have a testing report on hand that proof compliance to the following standards and regulations within:</p> <p>Regulation EU 1935/2004 LFGB (Food and Feed Code in Germany)</p> <p>The product we need tested is 100% stainless steel lunchbox as shown here:</p> <p>Can you provide documentation showing compliance?</p> <p>Query 2: Hello Dinesh,</p> <p>Thanks for finding out if your group can do the testing and paperwork.</p> <p>1)Where are you manufacturing this 100% stainless steel lunchbox? CHENNAI, INDIA -</p>	Sandra Ann Harris	Stainless Steel Hotpot	ECOlunchbox Tel: 925-298-9220 ext. 3	<p>Response 1: Dear Ms Sandra,</p> <p>Thanks for your email.</p> <p>While I am not an expert on Food/SPS but with an understanding that we are talking about compliance to Directive 1935/2004 which is associated with materials and articles intended to come into contact with food and is applicable in EU as a rule/legislation I am going to ask my EU contacts for help on this matter and dig more into it. Please answer few of my queries as below to have better understanding on this query:</p> <p>1) Where are you manufacturing this 100% stainless steel lunchbox? 2) Are you planning to export this 100% stainless steel lunchbox to India after complying to this regulation or within EU? 3) Are you looking for compliance to this regulation and associated testing to be carried out in India?</p> <p>Resposne2: Sandra,</p> <p>Thanks for your response. Let me clarify one more time – We [Project SESEI and its owners] don't carry out any Testing and/or associated paperwork. We only develop and support standards development which are voluntary.</p> <p>Please note in my first email response I had send a list of Global testing agency which are active in India as they may help you in this case.</p>	Email Query	Closed

SESEI-3 : List of Queries

Sr. No.	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
4	16-May-17	<p>Hello Sir how r u nice to speak to you on phone , we received this email from our buyer kindly help me out</p> <p>Hi Jignesh - any word on certificate.I need something showing who will do the testing and that they can provide exactly what is needed. A letter from the testing company saying To Whom It May Concern.... we are licensed by xxx and can test for xxx. We are experts in this matter. If you have any questions about the testing or German compliance issues, let us know by contacting us at xxxx.</p> <p>Can you provide this?</p>	Jignesh Shah <rathoreindustrieskvj@gmail.com>	Stainless Steel Hotpot	RATHORE INDUSTRIES No. 5,6,7 Mumtaj Nagar 1st Floor Vadaperumbakkam, Madhavaram Chennai - 600060- INDIA RATHORE IMPEX No.2 Kanadasan Nagar 3rd Main Road, Kodungaiyur Chennai - 600118- INDIA SHAH INTERNATIONAL No. 5,6,7 Mumtaj Nagar Vadaperumbakkam, Madhavaram Chennai -	Response 1: Dear Mr Shah, We as part of this EU Standards project SESEI don't carry out any testing and certification. If you are talking about Import as I understand Steel Product in India are under the mandatory compliance and the applicable category and standards are as enclosed. Related to the product of interest the respective labs in India could be found from the link of http://www.bis.org.in/qazwsx/iswise_v2.html or http://www.bis.org.in/qazwsx/testfacilities.asp If you are talking about export, you may either contact the testing agencies having operations in India as enclosed "OR" For EU market for Trade related information following link of Export Help Desk could be referred for more information; - http://exporthelp.europa.eu/thdapp/index.htm# For your product specific details please refer the blue book also enclosed and its section XI to be precise. Hope above information is helpful.	Email Query	Closed

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5	15-May-17	<p>Query 1: Dear Mr. Sharma, Hope you are doing good.</p> <p>FICCI, an industry association, is keen on developing a White Paper on how technology is enabling people with disabilities and to prepare recommendations for strengthening it to promote greater inclusion of people with disabilities. DEOC has been commissioned to draft the white paper.</p> <p>In this context, we are collecting information from various sources including NGOs, Government, and secondary sources.</p> <p>We would like to request your valuable time to answer a few questions regarding the EU standards on accessibility, procurement laws, assistive technology for people with disabilities, successes and challenges and any recommendations that you may have for policy makers and other stakeholders. Please note that the scope of the paper is restricted to Information and Communication Technology (ICT) - both mainstream as well as specific to people with disabilities. It would not cover assistive devices like</p>	Nimisha Jashnani Principal Consultant, DEOC	e-accessibility	DEOC (http://www.deoc.in/index.php/about-us)	<p>Response 1: Dear Nimisha, - All is well. - Happy to note that FICCI is keen on developing a white paper on how technology is enabling people with disabilities and to prepare recommendations for strengthening it to promote greater inclusion of people with disabilities. - I have been and I am still working on this subject with MEITY/STQC/BIS/Accessible India campaign/Microsoft/G3ict etc. especially on adoption/transposition of EN 301 549 which is directly related to “Accessibility requirements suitable for public procurement of ICT products and services” – presentation enclosed. - In order to have all update around policy, legislation and standards on this subject of accessibility and/or Human factor please refer following links: - CEN CENELEC (BIS equivalent in EU and counter part of ISO & IEC global standards) work on accessibility including useful links to related communication, directives from European Commission https://www.cenelec.eu/standards/Sectors/Accessibility/Pages/default.aspx - ETSI (ICT Standards Development Organisation in EU) work on Human Factor http://www.etsi.org/technologies-clusters/technologies/human-factors-accessibility - Hope above is useful for your work. Let me know if you still need a time through</p>	Email Query	Closed

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Sr. No.	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
6	11-May-17	<p>We are encouraged to know that CEN is working in India and BIS to have a harmonized standard in the Indian context. As you would already know that Doppelmayr Ropeways are CEN approved and we propose to introduce this standard in the Indian market.</p> <p>We are currently working with policy makers in India and can work with you to speed up the process of formalizing the BIS CEN relationship in India. It would help if:</p> <ul style="list-style-type: none"> • You could share the stage of development of CEN standard in the Indian context • The contact person at BIS who is working on harmonization of BIS CEN relationship • Contact details of CEN representative in India, Mr Dinesh Chand Sharma 	Arvind Bhatia Vice President (Bus. Development)	ROPEWAYS	Doppelmayr India Private Limited, #24, 5th Floor, MGF Metropolis, M.G Road, Gurgaon – 122002, India. P: +91 124 4216313 / 14 F: +91 124 4216315 M: +91 9910422466 CIN: U35990HR2016FTC063900 www.doppelmayr.com	<p>Thank you very much for calling me this morning and for the short but interesting conversation. I am very happy about your interest in CEN standards and I copy Dinesh on this message. Dinesh actually works in close cooperation with BIS in the context of our SESEI project.</p> <p>As I explained over the phone, CEN and CENELEC do not have a formal cooperation framework with BIS but we are about to start negotiations on a MoU with them in the next few weeks. Dinesh will certainly provide you with more information on our project and our relations with BIS. I would therefore kindly suggest you to contact him.</p>	Email Query	Open
7	6-May-17	<p>Dear Dinesh, Thank you for the documents and links. You mentioned a point about phased manufacturing - is it a proposal by the industry or a measure the government is currently considering? It would be excellent if you could elaborate it a bit.</p>	Sanchita Chatterjee <sanchita.chatterjee@gmail.com>	ALL	EU Project on LCR	<p>Here it is Sanchita, http://meity.gov.in/content/phased-manufacturing-programme</p>	Email Query	Closed

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Sr. No.	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
8	5-May-17	<p>Dear Dinesh</p> <p>Thank you for your presence and inputs at the workshop.</p> <p>In particular, thank you for offering to share your analysis on the Compulsory Registration Order (CRO).</p> <p>We have it in our recommendations (to delay its implementation and coverage), but we recognize its importance by making it a separate section of the final report.</p> <p>I also noted your discussion on ITA -2 - if you have any analysis we would like to bring this in more explicitly as well.</p> <p>Again thank you for your cooperation throughout.</p>	Willem van der Geest, phd	ALL	<p>Avenue des Cedres 32 1640 Rhode St.</p> <p>Genese (BE) tel: 00 32 484 713 069 (Belgium).</p> <p>See my profile www.willemvan dergeest.com.</p> <p>Recent papers from SSRN at http://ssrn.com/author=380161</p>	<p>Dear Willem,</p> <p>On CRO I am enclosing a copy of 2 documents prepared and submitted by Industry association MAIT (I am a member of it and contributed to it). These two document shall help further understanding the issues and suggest recommendations.</p> <p>In regard to EU best practices refer the slide as enclosed – this slide could be used to prepare recommendations.</p> <p>In regard to ITA-2 I haven't done any analysis but providing links to few old news items as they may help preparing some arguments as part of this report:</p> <p>- http://www.indianwesterlies.com/2015/08/ita-ii-agreement-at-wto-and-india-some.html</p> <p>- http://www.livemint.com/Politics/zg4yVgSmY132XoRhTfEV8H/ITAII-unlikely-to-generate-commercially-meaningful-results.html</p> <p>Also enclosed a report as well, as it may help further on it.</p>	Email Query	Closed

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9	1-May-17	Hi Dinesh, Can you send me link on this whitepaper? oneM2M - the global standards initiative that covers requirements, architecture, API specifications, security solutions and interoperability for Machine-to-Machine and IoT technologies recently issued a white paper on smart and efficient way of deployment of Smarter cities, – Smart Cities Done Smarter This is what we did with NSCS and MoUD: http://smartcities.gov.in/upload/oms/5821b621a862dCyber_Securitypdf.pdf	Rahul Sharma Senior Consultant	ICT	DATA SECURITY COUNCIL OF INDIA (DSCI) A NASSCOM® Initiative P: 0120-4990257 M: +91-9711156157 W: www.dsci.in Linkedin: in.linkedin.com/in/rahulsharma86 Twitter: @wisdom_stoic DSCI is Now in Noida: NASSCOM Campus, Plot 7-10, Sector – 126, Noida, 201303, UP	My Newsletter's [Read and download >>] first news had a link to this detailed news and white paper. Nevertheless please find below a direct link to it: http://www.onem2m.org/images/files/oneM2M_WhitePaper_SmartCitiesDoneSmarter.pdf Hope you also knows that CDOT has developed this M2M platform based on oneM2M specification. I am well aware of your paper on Cyber Security to MoUD and I always bring it up in my discussions on this topic of SMART CITY MISSION wherever I get opportunity. Great work.	Email Query	Closed

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10	24-Apr-17	Discuss 5G Research & Standards Program in India	Cdr Anurag Vibhuti, Veteran II, Deputy Director	ICT	TCOE India, C-DOT Campus, Mandi Road, Mehrauli, New Delhi - 110030 T: +91 11 26598722 M: +91 9891991313/9868102779 F: +91 11 26805318 Email ID: anurag.cc@tcoe.in www.tcoe.in	EU work covering 5G Vision Paper, 5GPPP, H2020 and its integraion to starndardisation through call for tender and issuing mandates explained, which shall help DoT preparing a similar strategy to address 5G research work in India and capitalise on available opportunities through projects like SESEI, EU-INDIA ICT cooperation and H2020 call for tender.	Email Query	Closed

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Sr. No.	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
11	13-Apr-17	<p>Dear Dinesh,</p> <p>I have a question related to selling remanufactured or refurbished products on the Indian market. Can you help us in guiding what is allowed and isn't allowed, based upon regulations or policies? Via different sources, we received different answers and we would like to challenge them.</p> <p>Our aim is to refurbish/remanufacture professional digital projectors in our Belgium based factory (same factory as our normal production). The refurbished/remanufactured product will have the same functionality, specifications, warranty and service support as new devices. The devices will comply with BIS and international safety & EMC requirements. HS code of the projector in scope is 8528 69 10.</p> <p>Are there any specific requirements we will need to meet, related to customs aspects or market safety authorities? Do we need dedicated permits? What are the conditions for which it is allowed? I'd like to see your answers stated with references towards Indian regulations, standards or policies if possible.</p> <p>If you want, we can have a call to provide you with additional information.</p> <p>Looking forward to hear from you.</p>	Dirickx, Jimmy <Jimmy.Dirickx@barco.com>	Electrical Equipment & Consumer Electronics	ENABLING BRIGHT OUTCOMES Barco NV www.barco.com Beneluxpark 21 8500 Kortrijk Belgium	<p>Response 1:</p> <p>There is no direct guidelines or policies for refurbished/remanufactured good for import and sale in India. Most of the time if it is electronics they are linked/referred/falls under the e-Waste rules, e-Waste Implementation Guidelines and Hazardous Rules considering them as a dumping [e-Waste]. The ministry's rationale for denial or linking such a proposal is that the vintage and residual life of such refurbished electrical and electronic equipment (EEE) imports would later add to the e-waste burden of the country. Hence as per my understanding and based on recent request of Apple proposal to sale the Refurbished/Remanufactured iPhones in India, which was rejected by the Indian Administration [see here], and similarly Government issued a notice to Amazon for the same reasons [see here] and similarly another similar article as here it is not allowed as a simple rule/understanding and if attempted consignment may get stuck at customs. In view of the same, my suggestion would be that before engaging in such business proposition by your company please write a letter of such proposal to Ministry of Electronics & IT for approval, which in turn may ask/refer the matter to Ministry of Environment and Central Pollution Controlling Board before extending any final approval/rejection. For further input, few Provisions of rules around refurbished goods are as below:</p> <p>e-Waste Rules:</p> <ul style="list-style-type: none"> - 'e-waste' means electrical and electronic equipment, whole or in part discarded as waste by the consumer or bulk consumer as well as rejects from manufacturing, refurbishment and repair processes; - 'refurbishment' means repairing of used electrical and electronic equipment as listed in Schedule I for extending its working life for its originally intended use and selling the same in the market or returning to owner; <p>Also please check the schedule III in the Hazardous Rules and confirm if this</p>	Email Query	Closed

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12	13-Apr-17	<p>Dear Dinesh,</p> <p>With regards to the DSI – ITS standards of 2014, would you have access to it or have a soft copy available?</p> <p>In one of the pilots we are looking into EU standards and I want to highlight the collaboration efforts that went into it – various parties and time line.</p> <p>The proceeding details are being reviewed until after Easter.</p>	Mui-Ling Wang Director Working Groups & Roundtables I ITS & Road Financing	Automotive	International Road Federation Chemin de Blandonnet 2 CH-1214 Vernier Geneva Switzerland Web: www.irfnet.ch wrm2017.org Email: mwang@irfnet.ch Tel: +41 (0)22 306 0260 Mob: +31 (0) 68680 2674 Fax: +41 (0)22 306 0270	<p>In order to address your query: do I have an access to or a soft copy available for DSI – ITS standards of 2014? – please provide more information such as which standards you are referring here and what is DSI?</p> <p>Note: No response received back hence the query is closed</p>	Email Query	Closed

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Sr. No.	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
13	4-Apr-17	<p>Dear Sir,</p> <p>You might be aware that 9th April is celebrated as World IoT Day. We are putting on a virtual IoT Day on various social media platforms on the 7th of April (since 9th is a Sunday). We are asking our panel members to be prepared with short answers to some IoT related questions which will be video recorded on the day of the meeting. We've put together some questions for you and will video record your answers to these questions at the meeting venue. Please see below your questions and recording time:</p> <p>Questions:</p> <ul style="list-style-type: none"> • What are the problems that start-ups should focus on solving using IoT? • Where is the money / What are the opportunities for large businesses in IoT? • Your Biggest IoT Success story 	Sudha R Campaign Support Executive	ICT	<p>IET – India</p> <p>T: +91 (0) 80 4089 2234</p> <p>Unit no 405 & 406, 4th Floor, West Wing, Raheja Towers, M G Road, Bangalore – 560001</p>	<p>With the help of ETSI, CEN CENELEC following response were finalised to suggested questions and addressed during the interview:</p> <ul style="list-style-type: none"> • What are the problems that start-ups should focus on solving using IoT? <p>Response:</p> <p>Start-up shall focus on addressing citizens needs as highlighted through the Smart City Proposals under Smart City Mission. If i try summarising these requirements from 60 smart city proposal shortlisted we have 78 different requirements: out of which 42 are non-ICT based but 36 are core ICT requirements. If we further look into these ICT requirements they cover Transport, Energy, Water, Waste, command & control etc. Hence IMO, Start-ups shall focus on these ICT areas which are directly related to IOT/M2M and as well address security and privacy as an integral part to these solutions. .</p> <ul style="list-style-type: none"> • Where is the money / What are the opportunities for large businesses in IoT? <p>Response:</p> <p>Yes IoT is a high CAPEX and Less ROI segment however it brings with it a huge potential as India can produce economies of scale.</p> <p>Building infrastructure to support the IoT based applications and Industry automation are the opportunity clearly lies with large businesses around IoT</p> <ul style="list-style-type: none"> • Your Biggest IoT Success story <p>Response:</p> <p>The establishment of oneM2M partnership project in line with 3GPP and they publishing Service Layer Platform specification, and its implementation by our Indian research organisation CDOT (Centre for development of Telematics) under department of telecom, Ministry of Communication along with many other multinationals such as NEC Corporation, LG subsidiary LG CNS, SK TELECOM, SIERRA WIRELESS, HUAWEI, HP, InterDigital and Sensinov etc is worth a success story. In short Implementing future proof open standards platform is important</p>	Email Query	Closed
14	3-Apr-17	<p>We discussed on 25th March regarding how our area of engagement in IOT/Embedded and 5G space can be connected to network of business people you are in.</p> <p>We need some breakthrough either as one of the IPs I mentioned or some service business that can be started soon. If nothing is immediate Enriched industrial experience that I bring in can be engaged for fulltime job or part time consultancy to the relevant big or small companies or associations like yours.</p>	Santosh Nath CEO	ICT & SMART CITIES	<p>NucleusMind Technologies Pvt Ltd</p> <p>www.nucleusMind.com</p> <p>ph:+91-9748016637</p>	<p>My project is a not for profit project and is limited with its budget and resources. I don't see any immediate change to its structure hence extending any fulltime job or part time consultancy is not possible at all.</p> <p>When we talk on the subject of IOT/M2M/Embedded and 5G from standardisation point of view, work is taking place at a) oneM2M partnership project [http://www.onem2m.org/] b) Telecom Standards Development Society, INDIA [http://tsdsi.org/] , Telecommunication Engineering Centre [http://www.tec.gov.in/] and ETSI [http://www.etsi.org/] and 3GPP [http://3gpp.org/] which could be studied by you and if found suitable you can join the one meeting your expectation.</p>	Email Query	Closed