Annexure 2

Activity Tracker & Queries for the period of 'Oct-Dec 2019'

Quarterly Report No. 2

Sr. No.	Description	Total Until now	In Last Quarter
1	External Meetings	56	28
2	Internal Meetings	20	13
3	Events/Seminar/Workshop/Roundtable	37	14
	Total	**113**	**55**
4	No of Queries	22	10

SESEI-IV

Quarterly Activity Update : Oct, Nov & Dec 2019

Sr. No	CAT	Date	Meetings/ Events:	Subject:	Outcome:	What Next	Status	Sector
1	E	02-12-2019	NCPEDP-Mindtree Helen Keller Awards 2019	National Centre for Promotion of Employment for Disabled People (NEPEDP) organized the 20th edition of the NCPEDP-Mindtree Helen Keller Awards.	SESEI is working on promoting standards for personal with disabilities such as EN 301 549 hence associated with associating such as NCPEDP. SESEI expert was invited by National Centre for Promotion of Employment for Disabled People (NEPEDP) to the presentation ceremony of the NCPEDP- Mindtree Helen Keller Awards 2019. **NCPEDP- Mindtree Helen Keller Awards were given in 3 categories:** - Category A: Role Model Disabled Person - Category B: Role Model Supporter of Increased Employment Opportunities for Disabled People - Category C: Role Model Companies/NGOs/Institutions NCPEDP launched the Helen Keller Awards to identify exemplary work towards the cause of inclusion. Over many years, these Awards have come to be recognized as the most prestigious Indian benchmark for honouring people and organisations that have worked towards a barrier-free, non-discriminatory and inclusive India.	Success of Event	Closed	ICT
2	M	05-12-2019	Telecom Sector Committee meeting	EBG Federation	Meeting was held to discuss following agenda topics: 1. Review on Telecom Industry Issues 2. TRAI consultation paper on Interconnect charges & Cloud Providers 3. Roundtable with DoT Secretary to take up issues such as AGR, OSP etc. 4. Budget Input suggestions	Continue working with EBG and support EU Industry issues	Closed	ICT

| 3 | M | 05-12-2019 | Meeting of the BIS Active Assisted Living (AAL) subcommittee , LITD 28 : 1 | A Webex meeting of AAL Subcommittee was organized by Bureau of Indian Standards (BIS) | SESEI being an important member of BIS technical Committee on Active Assisted Living (LITD 28) was invited to attend LITD 28 Meeting. SESEI is promoting adoption of EN 301 549 in India.

During meeting, it was decided to update the current pre-study standardization report by incorporating the following details:
1. Addition in Section 15 of some more comparative details from other countries like Japan.
2. Addition in Section 18 of accessibility issues beyond ICT, e.g., buildings - e.g., from the document by MSJE / NITI
3. In Section 20 - Gaps and Challenges
4. For Section 21 - Use Cases | Continue working with BIS on this subject | Open | ICT |
| 4 | I | 05-12-2019 | Sync SESEI - Indian 5G Leadership - Video | Xavier Piednoir, ETSI held a call with SESEI to discuss the status of 5G in India | Xavier Piednoir, ETSI scheduled a call with SESEI to discuss the current status of 5G in India. SESEI has provided following information:
1. List of initiatives taken/commenced by government of India in 5G field
2. Important Stakeholder in 5G in India and hierarchy wise their role
3. Detailed mapping of 5G stakeholders
4. Strategy Recommendations

SESEI has sent a short presentation covering above information in detail to Xavier Piednoir, ETSI to collect his feedback. | Continue working of this topic | Closed | ICT |

| 5 | M | 06-12-2019/ 13-12-2019/ 17-12-2019 | Telecom Engineering Centre (TEC) organized periodic conference call of the Consultative Committee formed for oneM2M adoption process | TEC organised periodic conference calls of the Consultative Committee of the oneM2M adoption process to finalize the report on Adoption of oneM2M standard | SESEI is an important member of the Consultative Committee for adoption of oneM2M standards and participated regularly in all meetings.

Last meeting of CC was organized on 17th December, 2019, in which all members discussed recommendations, available in section 11 of the draft report and agreed to finalize this report. The final draft report was circulated to all members for their final review.

DDG (IoT), TEC thanked all the chairs, members and subject experts for their participation and contribution in this work of national importance. | Continue working with TEC on National Adoption and extend all possible help needed | Closed | Smart Cities |
| 6 | M | 10-12-2019 | Meeting of the PwD Committee | Broadband India Forum (BIF) organized a meeting of the PwD Committee to discuss the action points from last meeting, held on 8th Nov, 2019 | SESEI expert being a Co-Chair of the PwD Committee attended the meeting. SESEI is an actively pursuing the adoption of EN 301549 in India. In this regard he is also working closely with the Indian Broadband Forum on ICT inclusion for PwD.

The meeting moved on to discuss the action points from the 8th November meeting:
1. Update on TRAI Recommendation to DoT on ICT for PWDs
2. Update on release of White Paper on "Inclusion of People with Disabilities through Information and Communication Technology" with FICCI
3. Engaging BIF members in Inclusive Ability
4. Any other Business with permission of the Chair

SESEI expert has incorporated "Work on promoting, adoption and implementation of Standards around e- | Continue working with BIF on promoting, adoption and implementation of Standards around e-Accessibility | Closed | ICT |

					Accessibility such as EN 301 549 etc. " as part of work plan for ICT for Inclusive Ability (PwD) Committee.			
7	M	11-12-2019	Meeting to discuss CEN and BIS standards for Ropeways -reg	NITI Aayog organized a meeting to discuss the differences in ropeways standards of CEN and BIS	SESEI Expert was called by Niti Aayog along with BIS MED officers to discuss the Gaps between CEN & BIS Standards. In the meeting, SESEI expert clarified that technical detailed comparison have not been carried out by CEN and this comparison is purely a comparison based on the topic/heading of the standards only. (SESEI has prepared and summitted the draft excel comparison earlier). If technical comparison is desired/needed CEN will be happy to discuss setting up a joint technical committee and it's a long term exercise. BIS also gave a presentation on Indian standards covering various facets of ropeways' installation, operation and safety and claimed that no gap exist anymore except Storage (EN 12927-5 storage part) & Calculation (EN 12930:2015). Niti Aayog have asked BIS to first develop standards on Storage (EN 12927-5 storage part) & Calculation (EN 12930:2015) in next 4 months and report back, post which NITI Aayog will decide and submit a report.	Continue working on this subject with EU Industry and BIS and Niti Aayog	Closed	Automotive
8	M	13-12-2019	Personal Data protection Bill	Meeting with EBTC Officials	Meeting was held to discuss the current state of Data Protection Bill and the open issues such as DATA LOCALISATION, CROSS-BORDER DATA TRANSFERS, SCOPE OF PERSONAL DATA & DATA PORTABILITY, SHARING OF NON-PERSONAL DATA, LIABILITY, SOCIAL MEDIA INTERMEDIARY etc. and decide the strategy to support the	Continue working on the bill and support industry issues	Open	ICT

					industry issues through platform such as advocacy project of EBTC			
9	M	17-12-2019	11th Meeting of Intelligent Transport Systems Sectional Committee, TED 28	Bureau of Indian Standards (BIS) organized 11th Meeting of Intelligent Transport Systems (ITS) Sectional Committee, TED 28	SESEI has become an important member of the BIS TC on ITS-TED 28 and promoting EU work around ITS. The main agenda of the meeting was: - Confirmation of the minutes of the previous meeting - Composition of the sectional committee/sub-committee/panel - Issues arising out of the previous meeting of TED 28 - Draft standards/amendments for finalization - Draft standards/amendments completed preliminary circulation - Activities of the sectional committee/sub-committee/panel - Review of published standards - Technical work programme of the committee - International activities - Additional issues arising out of implementation efforts, certification, conferences etc. - Selection of subjects	Continue working with BIS on this subject	Closed	Automotive
10	E	20-12-2019 to 21-12-2019	FICCI's 92nd Annual Convention	FICCI organized 92nd AGM and Annual Business Convention on 20-21 December at Hotel Taj Palace, New Delhi	SESEI expert was invited by FICCI to attended "2nd AGM and Annual Business Convention". The Annual Convention is a landmark event in which FICCI continue to strive to be the voice for policy change and facilitating India's economic growth with a global landscape. The Annual Convention 2019 set up a platform for global CEOs, Indian Government decision-makers, young parliamentarians and gen-next leaders to come together	N/A	Closed	Generic

					and deliberate on changing global business landscape, disruptive technologies and policy imperatives for making India a 5 trillion economy.			
11	I	04-11-2019	Conference call Meeting of India Task Force	CEN CENELEC along with BIS is organised a Joint Workshop in India on 26th and 27th Nov 2019 in Delhi. In this regard India Task Force members are holding periodic calls to ensure successful organisation of the Joint Workshop.	SESEI is a member of the India Task Force constituted by CEN CENELEC to address the market access related issues in India and also work towards close cooperation between India and Europe on Standards related issues. Periodic calls of the India Taskforce are being held to ensure successful organisation of the BIS -CEN CENELEC workshop in India from 26th to 27th Nov 2019. The main agenda of the calls are; - Short report on recent exchange with BIS - Agree on the draft agenda - Finalize the list of speakers - Registration link online - Confirm any additional meetings while we are in India (BIS bilateral, Market Access, any other?) - Discuss the potential to organise a dinner (BIS Bilateral?) - Any logistic questions from SESEI or BIS	Success of workshop	Closed	Generic
12	M	4-11-2019 to 8-11-2019	ISO/IEC JTC 1 Plenary Meeting, 4-8 November 2019 in New Delhi	The Joint Technical Committee (JTC 1) of the International Organization for Standardization (ISO) and International Electro-technical Commission (IEC), is a consensus-based, globally relevant, voluntary international standards group. More than 2000 experts from 163 countries come together to develop	The next plenary meeting of JTC 1 and its Advisory Groups was scheduled on 04-08 Nov 2019 at India Habitat Centre, Lodi Road, New Delhi. This meeting was attended by around 120 experts from more than 59 Member countries. The hosting of this plenary was also organised to increase India's presence at ISO level and to keep track of the latest developments at JTC 1. SESEI was invited to participate in the JTC 1 meetings as part of the LITD Committee members. The JTC 1 meeting in India also ensured participation of large numbers of Indian delegation and contribute effectively so as to protect the trade interest of India.	N/A	Closed	Generic

				mutually beneficial guidelines that enhance global trade while protecting intellectual property. Some of the important areas of IT where JTC 1 has formulated standards are JPEG, MPEG, Smart Cards, Software Quality, IT Security, Biometrics, IOT, AI, Cloud Computing etc. Bureau of Indian Standards (BIS) is a "Participating" member in JTC 1 and BIS experts are also the members in various Subcommittees and Working Groups of this committee and have been regularly attending this meeting.	This meeting being hosted in India has an advantage in terms of participation towards International standardization and BIS leveraged this opportunity to understand the ISO standardization and to contribute towards International standardization in Information Technology.			
13	M	05-11-2019	Meeting with GIZ Officials on Resource Efficiency Standards	A meeting was requested by GIZ Officials to discuss and exchange status on the Resource Efficiency Standards and Circular Economy	SESEI met with the GIZ officials to discuss the project progress in the - EU-REI project, - sectoral studies released - follow-up to the Circular Economy Mission. - GIZ is working closely with MoEFCC Ministry of Environment, Forest and Climate Change to work on Resource Efficiency standards. - SESEI also explained that Resource Efficiency is one of the focus areas for SESEI IV and shared the list of relevant standards and assured full cooperation to work on it	Continue working with GIZ on this Topic	Open	Resource Efficiency

| 14 | E | 06-11-2019 | 5G Satellite (standardization activities in 3GPP, target solutions for remote and rural areas) | India-EU Partnership Project on Collaboration for ICT Standardisation organised their Nineteenth webinar on 5G Satellite (standardization activities in 3GPP, target solutions for remote and rural areas). | The main presenter of the Webinar was Nicolas CHUBERRE, Solution Line Manager, Thales Alenia Space.

The main highlights of the webinar were;
- 3GPP is currently assessing the seamless integration of non-terrestrial networks components based on GEO, MEO, LEO, HAPS platforms in 5G system.
- Integration of non-terrestrial networks in 5G will allow slicing management, inter access hand-over, dual connectivity in a seamless manner across access technologies as well as of connections to fixed or moving cells using NTN based integrated access and backhaul solutions. | N/A | Closed | ICT |
| 15 | M | 07-11-2019 | TEC organized a conference call of the Consultative Committee formed for oneM2M adoption process | TEC organised a periodic conference call of the Consultative Committee of the oneM2M adoption process | Minutes of the Meeting and the draft report on the adoption of the One M2M standards were circulated to all members for their further comments / contributions.
- the adoption process mentioned in the standardization guide, requires to examine the national requirements which may include the aspects such as National Security, Human health and safety, environment protection, geographic and technical reasons etc., have been taken care at during the standardisation process.
- It is required to be examined at all levels i.e. by TSDSI, CC, TSAC etc.
- For security, TS0003 may be gone through by the members. Others points may not be related.
All these points were discussed in the con call. SESEI is closely working with TEC on this subject as oneM2M adoption as a National Standards is an important activity of SESEI project and it is well moving on track. | Continue working with TEC on National Adoption and extend all possible help needed | Open | Smart Cities |

| 16 | E | 07-11-2019 | The EU-India Think Tanks Twinning Initiative (TTTI) workshop, was held in Delhi on 7th November 2019 at the EU Delegation premises. | The EU-India Think Tanks Twinning Initiative (TTTI), a European Union Delegation to India supported project designed to foster ideas to further strengthen European and Indian cooperation, organized a Think Tank Twinning Initiative workshop in Delhi | The EU-India TTTI workshop provided a platform to bring together Think Tanks experts from the EU and India to develop ideas on how the two can further the strategic partnership through cooperation in the fields of foreign and security policy and global governance. During the workshop, research produced under the initiative was discussed and analysed.

As part of the EU Projects in India, SESEI expert was invited to participate as discussant, stimulating an in-depth reflections on the paper drafted by ORF, Chatham House and EUISS, on Emerging technologies: what areas for EU-India cooperation?.
SESEI shared the latest input covering a) Cyber Security Act and its implementation plan, Proposed Security Week in India. On top Following suggestions/Input were submitted:

1) Report shall include a Table of recommendation and action plan as a conclusion summary
2) We shall identify use cases relevant for research and recommend Ministry of Electronics & IT (MEITY) to create a joint funding mechanism with other ministry such as NITI AAYOG, Ministry of Communication, ministry of Science & technology to support such a research and its respective standardization. To start with use cases could be around the sectors mentioned in the Niti Aayog Discussion Paper on AI covering Health, Education & Skilling, Agriculture, Retail, Manufacturing, Smart Cities, Smart Energy etc.
3) India shall explore setting up High Level Group on AI involving Industry
4) AI will have a great impact on underlying program such as Smart Cities, 5G, Smart Manufacturing, ITS rollout in India, hence it shall be highlighted in the report | N/A | Closed | Generic |

| | | | | | 5) We must recommend to create Centre of Excellence around AI in India – National center of AI shall be explored to be established. Establishment of AI platform in India.
 6) AI has a great dependence on Data hence Data especially non-personal data or anonymous data shall be opened for innovation
 7) Indian research initiatives such as Indian Urban Data Exchange (IUDX) and Indian Urban Observatory (IUA) combining Smart Cities data shall be promoted and it will be a very valuable data for AI work in India
 8) Program such as Digital India has a direct linkages with Digital Single Market initiative of Europe and they also complement for AI work hence it shall be mentioned as part of report
 9) Joint research program shall be established between India and Europe for a research project around AI under the umbrella of H2020/Horizon Industry
 10) We shall create a chapter on Technology & Standards and emphasize its importance towards AI research and Standardization
 11) We must recommend to India to develop Ethics Guidelines around AI as it is done in Europe. Data Privacy especially consent management is also an import aspect.
 12) India could also consider setting up an association of AI players active in India | | | |

17	M	07-11-2019	High level exchange co-organized with the Brookings Institute	As part of the EU - India Think Tank Initiative a high level discussion session was organised in partnership with Brookings Institute	The European Union Delegation to India, in partnership with Brookings India EU Initiative organised a high level discussion. SESEI attended the same. The discussion session included : - A key note address by the European External Action Service (EEAS) Deputy Secretary-General for Economic and Global Issues, Mr. Christian Leffler, on "The European Union and India: Strategic Partners on Multilateralism and Global Governance", and a panel discussion on The European Union and India: Strategic Partners on Multilateralism and Global Governance". SESEI highlighted the topics as submitted/covered in item 6 above.	N/A	Closed	Generic
18	M	07-11-2019	Meeting with BIS IRD officials	SESEI held a meeting with BIS IRD officials to discuss the action items for hosting of the Joint Workshop between BIS , CEN & CENELEC	SESEI held a meeting with BIS IRD officials to discuss the action items for hosting of the Joint Workshop between BIS, CEN & CENELEC. Agenda and speaker were discussed during the meeting.	Success of the workshop	Closed	Generic

| 19 | M | 08-11-2019 | Conference call meeting of the Broadband India Forum (BIF) Committee on ICT inclusion of Persons with Disabilities (PwD) | Broadband India Forum (BIF) committee on ICT inclusion of Persons with Disabilities (PwD) organized a conference call to discuss the update on the action points from the last meeting | SESEI is an actively pursuing the adoption of EN 301549. He is working with the Industry forums to address this issue. In this regard he is also working closely with the Indian Broadband Forum on ICT inclusion for PwD.

The agenda for the meeting was to discuss the update on the action points from the last meeting. The action points and agenda for the meeting are as under;
 1)   Follow up with DoT on the TRAI recommendations to DoT on ICT for PwDs: Anand to follow up
2)   Inclusion of PwD's points for implementation in 100 Days Work plan for the NDCP 2018 – Draft submission being compiled by Abhijit.
3)   Finalise the white paper for submission to FICCI and plan the release – All members and BIF Directorate.
4)   Flier on Accessibility – Dr Narasimhan has kindly agreed to provide a note. Please find attached the draft flier.
5)   Terms of Reference and Scope of Work to be defined for the PwD Committee – Neema to share the first draft with Dr Narasimhan.
6)   Hold Awareness Workshops and programs – All Members and BIF Directorate.
7)   Accessible India Campaign – BIF to work quickly on this: All Members and BIF Directorate.
8)   Organise workshop to drive a change in education in India. | Continue working with Industry forum on this subject | open | ICT |
| 20 | I | 08-11-2019 | Conference call Preparatory Meeting of India Task Force | Regular Conference call meetings with India Taskforce Preparatory Committee members for execution of Joint Workshop | Workshop agenda for this joint workshop, Venue booking and all other associated logistics were discussed in details and SESEI provided its feedback and input | Success of workshop | Closed | Generic |

21	M	12-11-2019	EBG Telecom Sector Committee Meeting	A meeting of EBG Telecom Sector Committee had been called on 12th November for the selection of next Chairman of Telecom Sector Committee.	SESEI is a member of the European Business Group Telecom Sector Committee. The main agenda of the meeting was to discuss: 1. Review of Telecom issues. 2. Select new Chair for EBG Telecom Sector Committee due to movement of Mr. Sandeep Bhargava to non EU Company. 3. Work Plan for the coming year "2020" 4. Other related issues.	Continue working with EBG	Open	ICT
22	E	14-11-2019	Event on exploring cost reduction strategies for Electric Vehicle (EV) batteries (ICRIER)	Indian Council for Research on International Economic Relations (ICRIER) organised a dissemination event to discuss the results of their study titled 'Exploring Cost-reduction Strategies for Electric Vehicle (EV) Batteries'.	ICRIER's study funded by Shakti Sustainable Energy Foundation (SSEF) on electric vehicle uptake was discussed during the meeting. The main aim of the event was to discuss and finalise recommendations for the Policy makers on the uptake of Electrical Vehicle in Indian Market. - Electric vehicles (EVs) have become an integral part of global mitigation measures to address climate change. The increased penetration of EV adoption will limit the emission of GHGs by reducing the overall fossil fuel consumption in the Transport sector, which is one of the largest emitters of carbon dioxide (CO2). However, the total cost of ownership remains one of the biggest hurdles in mass adoption of EVs. - This study explores strategies to reduce the overall cost of electric vehicle by specifically targeting batteries, as they constitute the highest proportion of cost in EVs. - The study models the cost of battery packs using the Bat Pac model. The model highlights the uncertain nature of technology involved and the complexity of an electro-mobility system. The uptake of EVs faces a variety of challenges and entails development of an electro-mobility system where governments will have to play an important role by designing non-traditional policies.	N/A	Closed	Automotive

					- The study attempts to empirically identify traditional and non-traditional policy instruments that could improve penetration of EVs.			
23	I	14-11-2019	Conference call Preparatory Meeting of India Task Force with BIS	Regular preparatory a conference call meetings along with BIS IRD officials for finalisation of BIS CEN CENELEC Joint Workshop	Workshop agenda for this joint workshop, Venue booking and all other associated logistics were discussed in details and SESEI provided its feedback and input	Success of workshop	Closed	Generic
24	I	14-11-2019	India Taskforce Conference Call meeting	India Task Force Conference Call meeting was held on 14th Nov to discuss and accumulate recommendations from the members on side meetings to be organised in India with the Indian Govt. Policy makers on Market access related issues.	India Task Force Conference Call meeting was held to discuss and accumulate recommendations from the members on side meetings to be organised in India with the Indian Govt. Policy makers on Market access related issues. The Task Force members provided their comments on the draft presentation and the agenda item prepared by Ms Ines Briard for the proposed meetings with the Meity and BIS on CRO / CRS related issues.	Continue working with Meity on the subject of CRO/CRS and extend all possible help	Open	Electrical Equipment & Consumer Electronics
25	E	15-11-2019	Tech Talk on IoT at GLA University, Mathura and SGT University, Gurgaon	IET Academic Affiliate colleges – Ganeshi Lal Agrawal University, Mathura and SGT University, Gurgaon organised a Technical Talk for their students and faculties.	SESEI was invited to give a Tech Talk on Standards - IoT and Smart Cities. SESEI gave a detailed presentation on the "Standards - IoT and Smart Cities" at the GLA university. The highlights of the presentation were - What are standards? Why Standards are Important? - Overview of the European Standardisation Bodies , ETSI, CEN & CENELEC - What is IoT and why it is technology of the future - Why Standardisation is important for IoT - IoT Standardisation work done in the world , Europe and India	N/A	Closed	ICT & Smart cities

26	M	18-11-2019	Meeting of the BIS Active Assisted Living Technical Committee, LITD 28 : 1	The First meeting of the Active Assisted Technical Committee of LITD , BIS was held on 18th Nov 2019	SESEI is a member of BIS technical Commitee on Active Assisted Living (LITD 28) and is promoting adoption of EN 301 549 and was invited to to attend LITD Meetings to contribute on standards related issues. The parent committee, Smart Infrastructure sectional committee, LITD 28 is the National mirror committee (NMC) of IEC SyC Active Assisted Living. This sub-committee, LITD 28:1 AAL has been constituted - to mirror the work of IEC SyC Active Assisted Living to address India specific requirements in the standardization activities of IEC SyC Active Assisted Living; also - to identify the Standardization, need at the national level and propose the same to the parent committee The Systems Committee shall: a. Create a vision of Active Assisted Living that takes account of the evolution of the market b. Foster standardisation which: - enables usability and accessibility of AAL systems and services - enables cross-vendor interoperability of AAL systems, services, products and components - addresses systems level aspects such as safety, security and privacy - communicate the work of the SyC appropriately to foster a strong community of stakeholders	Continue working with BIS on this subject	Open	ICT

| 27 | M | 18-11-2019 | Review meeting of TEC on 'formulation of Voluntary Code of Practice (VCP) under "Approach towards sustainable telecom" | A review meeting of the Telecom Engineering Centre on 'formulation of Voluntary Code of Practice (VCP) under "Approach towards sustainable telecom" was called on 18th Nov 2019. | TEC has been entrusted with the job of creating Volunteer Code of practice (VCP) encompassing energy efficient Network Planning, infra-sharing, deployment of energy efficient technologies and adoption of Renewable Energy Technology (RET). Under the broader umbrella of the **"Approach towards Sustainable Telecommunications"**.

For smooth adoption of Voluntary Codes by the service providers TEC organised a general meeting with all stakeholders to understand and chart-out course of action for evolving VCP. In the said meeting, a VCP sub-committee was constituted to prepare a draft on VCP.

In the above regard a review meeting of VCP committee was to discuss the progress made in formulation of VCP document by sub-committee.
- VCP committee has also prepared a draft document on VCP which was discussed during the review meeting | N/A | Closed | ICT |
| 28 | E | 19-11-2019 | EU - India: Technical seminar on rail issues, New Delhi. The seminar took place in the premises of Ministry of Railways. | European Commission together with the Indian Ministry of Railways, organised a Technical seminar on common rail issues. | SESEI expert was invited as CEN CENELEC representative at the EU - India Technical Seminar on Rail Issues. SESEI made a detailed presentation on the Harmonisation of Standards on Railways. SESEI in his presentation provided
- Project SESEI in India
- CEN & CENELEC , European Standardisation Bodies and their scope of work
- Frankfurt & Vienna Agreement on working with the International Standardisation Bodies
- Various Cooperation Agreements and MoU signed by CEN CENELEC and their internal working mechanism with National Standardisation Bodies
- European Railways Standards & the Countries which have adopted European Railways Standards
- Areas of Standards & Specifications in Indian Railways | N/A | Closed | Railway |

29	E	20-11-2019 to 22-11-2019	8th International Railway Summit (IRS)	The International Railway Summit is an exclusive meeting of the world's key rail operators, national and local governments, and leading technical experts. Rail sector leaders receive free bespoke consultation from innovative experts, relevant to their future projects. The 8th edition took place in New Delhi, India from 20-22 November 2019.	SESEI was invited to participate as a speaker at the International Railway Summit as representative of European Standardisation Bodies. SESEI in his presentation covered following: - European Project SESEI - Network of CEN and CENELEC & Integration to Global Standardization - Geographical Update on Rail ENs - The latest European Rail standards and it's applications across the whole European market - Rail standards in India – Snapshot - Conclusion	N/A	Closed	Railway

The top partial row reads:

- Need to harmonise standards and work closely with International Standardisation Bodies and how India and Europe can work together in sphere of Railway Standards

30	E	26-11-2019	BIS-CEN-CENELEC Joint Workshop on Emerging challenges in new era of standardization: Exchange of best practices	A close cooperation first Joint Workshop was organised between BIS, CEN & CENELEC. The main topic was "**Making Standardization Processes efficient and fast".** The workshop was held at the BIS Office , mainly addressing the BIS Officials & standardisation officials and the members of their technical committees	SESEI was the main moderator of the entire workshop. The main focus / topic of the 1st day of the workshop was **"Making Standardization Processes efficient and fast". The main highlights of the sessions were ;** **-** Myths & Facts surrounding Standards - Standardization Strategies and Implementation plans - International, Indian & European Scenario - Standardization Strategic Developments and International Cooperation - Standards in the Regulatory Context: European and Indian approaches - Digital Transformation: recent strategic and technical developments for an efficient and fast standardization process . A 360 degree perspective including International strategy, European strategy and Indian strategy was discussed - Exchange with the audience on Digital Transformation	N/A	Closed	Generic

| 31 | E | 27-11-2019 | BIS-CEN-CENELEC Joint Workshop on Emerging challenges in new era of standardization: Exchange of best practices | Joint workshop of the BIS, CEN AND CENELEC was organised by the India Taskforce. The second day of the workshop was also opened to industry officials involved in standards making process. Large participation from many Industry verticals i.e. Medical devices, agro products, electrical etc was witnessed in the workshop. | The 2nd Day of the Joint Workshop was facilitated by SESEI as part of the India Task Force member. SESEI was the main moderator of the entire workshop. The main theme of the day two workshop was "**Participation and Engagement in International Standardization Activities".** The main highlights of the workshop were ;
 - Importance of Standardization for industry both from BIS and CEN & CENELEC
 - Why International Cooperation Activities is necessary and the EU projects working in India on close collaboration
 - Participation and Engagement in International Standardization Activities - How India and Europe can work on increased engagement with International Standards organisations
 - Principles of emphasized cooperation at international level
 - Presentation on the benefits, commonalities, differences of the Agreements between CEN & ISO and CENELEC & IEC
 - Interactive Session
 - Panel discussion on opportunities offered by the Vienna and Frankfurt Agreements as models for involvement of BIS with ISO and IEC
 - Action Plan | N/A | | Closed | Generic |

| 32 | M | 28-11-2019 | Meeting with Ms Nishat S. Haque Scientist-F Certification, Bureau of Indian Standards | A meeting between Registration and certification officials from BIS and CEN CENELEC delegation was organised by SESEI to discuss industry challenges on the CRO / CRS issues | The meeting was attended by Ms Ines Briard, Project Manager, Market Perspectives and Innovation, CEN-CENELEC Management Centre ,Ms Silvia Vaccaro, DG GROW, European Commission Mr Dinesh Chand Sharma, Director, Project Seconded European Standardization Expert in India, Mr Pujan Bandyopadhyay, Barco India , Mr Suresh Deotalu, Legrand India , Ms. Priya Sawhney, SESEI The main discussion 1. BIS Definitions and Non-alignment with IECEE CB scheme definitions 2. Adoption of ISO symbols for labelling 3. Local testing in India: Nowadays EU manufacturers have the capability to perform product testing in house. EU manufactures test labs are recognized by CB, UL or other agencies to perform testing in house. Therefore separate exclusive BIS testing should not be demanded. -4. Issues related to online BIS registration of products and amendments desired / required 5. Transition times between legislation/standard changes should be increased which is only 6 months as of now, etc. | Continue working with BIS on this subject | Open | Electrical Equipment & Consumer Electronics |

| 33 | M | 28-11-2019 | Meeting with Smt. Asha Nangia, Scientist F, Industrial Promotion - Electronics & Hardware Manufacturing Division, Ministry of Electronics and Information Technology | A meeting between concerned officials from Meity and CEN CENELEC delegation was organised by SESEI to discuss industry challenges on the CRO / CRS issues | The meeting was attended by Ms Ines Briard, Project Manager, Market Perspectives and Innovation, CEN-CENELEC Management Centre ,Ms Silvia Vaccaro, DG GROW, European Commission Mr Dinesh Chand Sharma, Director, Project Seconded European Standardization Expert in India, Mr Pujan Bandyopadhyay, Barco India , Mr Suresh Deotalu, Legrand India , Ms. Priya Sawhney, SESEI The main discussion 1. BIS Definitions and Non-alignment with IECEE CB scheme definitions 2. Adoption of ISO symbols for labelling 3. Local testing in India: Nowadays EU manufacturers have the capability to perform product testing in house. EU manufactures test labs are recognized by CB, UL or other agencies to perform testing in house. Therefore separate exclusive BIS testing should not be demanded. -4. Issues related to online BIS registration of products and amendments desired / required 5. Transition times between legislation/standard changes should be increased which is only 6 months as of now, etc. | Continue working with Meity on this subject | Open | Electrical Equipment & Consumer Electronics |
| 34 | E | 29-11-2019 | TSDSI-IIT Delhi workshop on ML in Future Networks and Role of Standardisation with support from India EU Cooperation on ICT Related Standardisatio | Telecommunication Standards Development Society, India and IIT Delhi jointly hosted a workshop on "ML in Future Networks and Role of Standardization" on 29th November, 2019 in IIT Delhi, with support from India EU Cooperation on ICT Related Standardisation, Policy and Legislation. | This workshop was intended to kick start India's contribution to next set of standards. Regulators, Operators, service providers, OEMs of telecom networks were invited to work together to use Machine Learning such that network operators handle everything from policy setting and network control to security, intelligently & for the OEMs to design more efficient products.

As the development of a 5G testbed is in progress, this workshop having expert views from test bed participants & researchers enabled the way forward on plans to extend ML on the test bed in the different domains of IoT, Massive | N/A | Closed | ICT |

			n, Policy and Legislation		MIMO, energy harvesting, Mobile Edge Computing, security for standardization purpose. The workshop also covered following topics: - Future of ML in communications including 5G - Industry partners adopting ML - Ongoing development work in Academia & Industry - Projections for scope of ML - Bridging the standardization gap – The India story SESEI expert attend workshop as speaker and covered following in his presentation - European Project SESEI - AI – Introduction - EU strategy for AI - AI/ML Related Activities at CEN-CENELEC & ETSI - Focus Group on AI at CEN-CENELEC - ISG ENI – Experiential Networked Intelligence - ETSI ISG "Securing Artificial Intelligence (ISG SAI)" - Other related SDOs, Industry Consortia and EU Projects - Other ETSI internal Technical Bodies (TCs/ISGs) Identifying gaps in skillset & how to train formally with help from community: TSDSI, Industry, Academia. Developing the Indian workforce skills & capability in Standardization. Cues on how to navigate the standards development process in order to reach their standardization objectives. Proposal for a new technical activity in TSDSI is expected to be drafted based on deliberations at the workshop.			

35	I	01-10-2019	Meeting with Joaquim Nunes De Alemida, Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs (GROW)	Meeting with Directorate - Internal Market, Industry, Entrepreneurship and SMEs (GROW), EC was scheduled with SESEI	SESEI during the meeting provided - Updates on the progress of the Project SESEI 3 - Achievements and Milestones of Project SESEI3 - Process of Selection for SESEI IV - Terms and References and priority areas identified for SESEI IV	N/A	Closed	Generic
36	I	02-10-2019	Meeting with officials from DG Connect , European Commission	SESEI along with Ms. Silvia Vaccaro met with other officials from DG Connect to discuss the updates from the SESEI IV	SESEI during the meeting shared following updates and carried out discussion around topics handled by JWG team members associated with the visit of Indian Officials. - SESEI Successes & Achievements - Project Objectives - Way Forward for SESEI IV Copy of Presentation is available here	N/A	Closed	Generic
37	I	03-10-2019	Meeting with Thierry Legrand, CEN CENELEC	SESEI met with CEN CENELEC official responsible for Transport and Cable ways to discuss the latest development on RAIL Standards and Ropeways/Cableways in Europe.	SESEI met with CEN CENELEC official responsible for Transport and Cable ways. The meeting was requested to seek update on the latest development on RAIL Standards and Ropeways/Cableways in Europe. SESEI will be representing CENCENLEC at the International Railway Summit, scheduled to be held in Nov 2019.	Presentation during the RAIL Summit	Open	RAILWAYS

38	M	03-10-2019	Meeting of the TEC Consultative Committee formed for oneM2M adoption process	TEC is in the process of adoption of oneM2M standards for IoT/ M2M in India, specifically for the Common Service Layer for Smart Cities.	SESEI is a member of the Consultative Committee formed by TEC to study, support and help in finalisation of IoT Standards and participates and contributes towards the IoT standardisation in India .Continuous workshops and meetings are being held by TEC to discuss the adoption of Onem2m specifications. A draft document of the concerns raised on the various aspects of finalisation of standards for M2M in India for IoT and Smart Cities. Highlights of the meeting are as under; - Inputs were received from Samsung and Qualcomm have been incorporated. - Members again requested to close the agenda points of the MoM. - Different releases of oneM2M (Rel 2, 2A and 3) have also been mentioned in the annexures. - Members were requested to go through the draft document for further comments and recommendations. SESEI participated in the meeting as the Consultative Committee Member.	Continue working with TEC on National Adoption and extend all possible help needed	open	Smart cities
39	I	03-10-2019	Meeting with Ms.Joanna from CEN CENELEC	SESEI held a meeting with Ms. Joanna from CEN CENELEC to discuss the latest updates on the Machine Safety & Lift.	SESEI held a meeting with Joanna on Machine Safety and Lift for - Seeking update on the latest development of European standards related to Machine Safety Standards and lift & Escalators (EN115). - Exchange on latest policy initiatives in India on Machine Safety	Copyright agreement closure with BIS and share copy of machinery safety standards	Open	Generic
40	M	03-10-2019	Meeting with Indian Embassy Officials at Belgium	SESEI had a meeting with Indian Embassy officials at Belgium	SESEI with the help of CEN CENELEC during the visit to SC#1 scheduled a meeting with Indian Embassy Officials at Belgium. This was a courtesy call to inform them about the extension of Project SESEI in its IV phase, Its activities in	N/A	Closed	Generic

					India, India Task Force, Priority Topics, MoU & License agreement etc.			
41	I	04-10-2019	Meeting with Anna Sole Mena responsible for India at European Commission	SESEI expert met Ms. Anna who is responsible for India in European Commission international unit	Ms. Mena from International Unit at DG Grow is responsible for the India. A meeting was requested with SESEI to take status update on the New initiatives, Policy and legislation updates for the Indian markets. SESEI expert during the meeting shared update on SESEI-3 achievements, and proposed work plan for the SESEI-IV	N/A	Closed	Generic
42	M	10-10-2019	First meeting of the 'Technical Committee' on 'Strategies for Ropeways in India'	NITI Aayog organized a meeting of Technical Committee on 'Strategies for Ropeways in India'	Niti Aayog has constituted a Technical Committee to Standardize the construction, maintenance and the operation of Ropeway in India. SESEI was invited to be a member of the Technical Committee and contribute to the standardisation process. The first meeting of the 'Technical Committee' (TC) on "Standardization on the construction, maintenance and the operation of Ropeway in India" was organised by Niti Aayog. The meeting was held under the chairmanship of Shri Neeraj Sinha, Adviser(S&T), NITI Aayog. The Terms and References for the Technical Committee and the agenda for the Technical Committee were discussed by the members in the first meeting. During the meeting BIS has informed that they have released some new standards and claimed that with these standards their portfolio is completed. SESEI during the meeting presented the old comparison of BIS v/s CEN standards. Now, we are in the process of preparing a comparison between EN and BIS standards with their latest portfolio.	Continue working on this subject with EU Industry and BIS and Niti Aayog	Open	Automotive

| 43 | M | 11-10-2019 | Audio con call of TEC Consultative Committee formed for oneM2M adoption process | TEC organized an audio call of Consultative Committee to discuss the Report for adoption of One M2M standards for IoT and M2M technology in India | On the direction of Secretary (T), a committee was formed by Sr. DDG TEC in Feb 2019. It is a two layered committee i.e. Consultative Committee (CC) and Telecom Standards Advisory Committee (TSAC). Consultative Committee (CC) has to evaluate the public comments received on oneM2M standards. CC has a large number of members from industry verticals. Telecom Standards Advisory Committee (TSAC) is an apex level committee having members from DoT/ TEC, BIS, TSDSI, C-DoT. CC is being chaired by DDG (IoT) TEC

SESEI is an important member of the Consultative Committee for adoption of oneM2M standards. Currently the Committee is working on finalisation of the Report for adoption of One M2M standards for IoT and M2M technology in India | Continue working with TEC on National Adoption and extend all possible help needed | open | ICT |
| 44 | I | 11-10-2019 | Meeting with Ms. Ines for CEN CENELEC | BIS-CEN-CENELEC: bilateral meeting in IEC GM | Ines from CEN CENELEC, organised a conference call with SESEI to discuss the upcoming bilateral meeting between BIS and CEN CENELEC during the IEC GM.   There were concerns regarding non-commitment of the BIS delegation for the proposed meeting. It was discussed that BIS delegation was having issues due to Visa problem and in all probabilities meeting between BIS and CEN CENELEC will not be able to meet. Due to logistical and Visa problem meeting was not held during the IEC GA. | N/A | Closed | Generic |

| 45 | E | 14-10-2019 to 16-10-2019 | India Mobile Congress 2019 | COAI organized third edition of India Mobile Congress 2019 | India Mobile Congress 2019 organized by COAI is the largest digital technology event in South Asia. Apart from being India's best networking event in the technology space, IMC is also the biggest international tech conference organised in the country. The three-day mega-event presents a plethora of opportunities for networking, collaborations, industry tie-ups, corporate handshakes and business lead generation. It is the only platform that brings industry, academia, governments, international experts, enterprises and start-ups together under one roof. TSDSI held a standardisation focused workshop during the IMC 2019 called Tech Deep Dive workshop. Mr. Adrian Scrase, CTO ETSI and SESEI participated in the IMC. It was an important opportunity to connect with Industry officials and booths showcasing 5G equipment and demos | N/A | Closed | ICT |
| 46 | E | 14-10-2019 | TSDSI Tech Deep Dive Conference @IMC2019. | TSDSI organized "TSDSI Tech Deep Dive Workshop" at the IMC 2019 Conference, to bring together technocrats, researchers and standards experts for a dialog on digital communication technologies for the present and future. | The TSDSI Workshop, specifically on the occasion of India Mobile Congress provided a platform to create awareness on how various SDO's come together, global consortiums are formed, global standards are developed ensuring participation from all and the rules and procedures followed. Participants showed interest in understanding the making of global standards and how the regional specifications / requests are incorporated. Mr. Adrian Scrase as CTO ETSI and Head Mobile Competence Centre (MCC), was invited to speak on both 14th October during the inaugural session of the TSDSI Workshop and on 15th October 2019. Theme of his presentation was a.   Global Standardisation b.   5G Reality Check Context: 3GPP standards (Done -R15, Ongoing -R16, Planned -R17) SESEI was a speaker on 16th Oct 2019. SESEI gave presentation on the "Overview of ETSI initiatives on 5G and | N/A | Closed | ICT |

| 47 | E | 17-10-2019 | GIZ organised an Indo-German Exchange on Cooperation in the Automotive Sector. | GIZ in India organised an Indo-German Exchange on the Cooperation required in the Automotive Sector. This is because, the automotive industry is crucial to the German and Indian economies. Both countries are therefore working together in the automotive sector to find innovative solutions, contribute to safer, cleaner and more efficient mobility, and facilitate technical market access. Within the framework of the Indo-German Working Group on Quality Infrastructure, aspects such as standards, technical regulations, and market surveillance are being discussed. | beyond with focus on Multi Access Edge Computing". Copy of presentation is available here

SESEI was invited by GIZ as a speaker at the Indo-German Exchange Roundtable talks on Automotive Sector. SESEI gave a detailed presentation on "Intelligent transportation system – Insights from implementation in Europe". He used this opportunity to give an overview on the ITS standardisation work being carried out in Europe.
The exchange was held under the framework of the Indo-German Working Group on Quality Infrastructure between the German Federal Ministry for Economic Affairs and Energy (BMWi) and the Indian Ministry for Consumer Affairs, Food & Public Distribution. The Working Group has the goal to reduce technical barriers to trade and strengthen product safety through the political dialogue of relevant ministries and regulators. As part of the Global Project Quality Infrastructure of BMWi, GIZ – the German Agency for International Cooperation – supports the implementation of the Working Group in India on behalf of the German ministry. The exchange is organised by GIZ in cooperation with the German Association of the Automotive Industry (VDA). Copy of presentation is available here | N/A | Closed | Automotive |
| 48 | M | 17-10-2019 | Meeting with Indian Officials of Eurovent Certification | Mr. Eric Foucherot from Eurovent Certification requested a meeting with SESEI | A meeting was requested by Eurovent certification organisation to understand the certification process/ policy undertaken in India and introduce Eurovent certification as a company and their role for India including their contributions to IS. SESEI during the meeting assured officials to extend all possible support in regard to aligning | N/A | Closed | Generic |

					BIS Standards with ENs and asked the Eurovent officials to revert back with details of these Indian Standards, Corresponding European/ISO standards			
49	M	18-10-2019	Review meeting on 'formulation of Voluntary Code of Practice (VCP) under "Approach towards sustainable telecom"	Telecom Engineering Centre (TEC) has been entrusted with finalisation of adoption of Volunteer Code of practice (VCP) for ensuring sustainable Telecommunication networks.	"Approach towards Sustainable Telecommunications" has directed, inter-alia, that "The Service Provider would adopt a Volunteer Code of practice (VCP) encompassing energy efficient Network Planning, infra-sharing, deployment of energy efficient technologies and adoption of Renewable Energy Technology (RET). Service providers through their associations should consensually evolve the voluntary code of practice. The voluntary code of practice shall be submitted by the service providers or their association to DGT in consultation with TEC within three months from the date of these direction." A review meeting of VCP committee was held on 18th October 2019 to discuss the progress made in formulation of VCP document by sub-committee. Discussion on adoption of this draft document on VCP, was also held during the meeting. SESEI is a member of the VCP Committee and is contributing towards finalisation of the adoption and measurement process with TEC.	Continue working with TEC on this subject	open	ICT
50	M	21-10-2019	LITD 28 AAL Work Group Meeting	A conference call of LITD 28 AAL Work Group was organized to finalize the Study Report & discuss the Next steps for AAL work Group	SESEI is a member of AAL WG and contributing to the study report covering topics of Making ICT accessible to persons with disabilities especially EN 301 549 adoption in India. Details around EN 301 549 is well captured as part of study report due release soon	Share a copy of report with partners	Open	ICT

51	I	21-10-2019	Conference Call of the Preparatory Committee: Workshop CEN-CENELEC-BIS	Ines Briard, CEN CENELEC organised the conference call meetings of the preparatory committee for organising the Joint workshop of BIS - CEN CENELEC to be held in New Delhi, India on 26th and 27th November 2019.	These conference calls of the preparatory committee consisting of CEN CENELEC, SESEI and BIS officials will be regularly held until the joint workshop is held. The main agenda during these meetings will be - Finalisation of the agenda for the 2 day workshop - Finalisation of the speakers / topics - Logistics for organising the workshop	Successful organisation of workshop	Open	Generic
52	M	22-10-2019	MAIT members concall to discuss Draft List of items for notification in Phase IV of CRO	A conference call was organised by MAIT to discuss the issues concerning List of items for notification in Phase IV of CRO	MeitY is in the process of notifying products under the Phase IV of "Electronics and IT Goods (Requirement of Compulsory Registration) Order, 2012". The stakeholder consultation will be held in due course. In this connection, MeitY has sought inputs on the draft list of items for notification in Phase IV of CRO. - To create comments / recommendation for the CRO Phase IV, MAIT organised a meeting of its members SESEI attended the call to understand the issues of Industry and contributed towards making the process simpler and make product compulsory for registration only which has a safety issues around it.	Continue working with MAIT on this topic	Closed	Electrical Equipment & Consumer Electronics
53	M	24-10-2019	Meeting for BIS Active Assisted Living, LTD 28 : 1	A conference call of LITD 28 AAL Work Group was organized to finalize the Study Report & discuss the Next steps for AAL work Group	SESEI is a member of AAL WG and contributing to the study report covering topics of Making ICT accessible to persons with disabilities especially EN 301 549 adoption in India. Details around EN 301 549 is well captured as part of study report due release soon. In this follow-up call Action plan arising from the report was discussed in details. SESEI highlighted a faster adoption of EN 301 549	Share a copy of report with partners	Open	ICT

| 54 | M | 24-10-2019 | Conference Call to discuss Market Access issues concerning India | A conference call between Barco , CEN CENELEC and SESEI was organised to discuss the Market access issues concerning trade in India | A short phone call to discuss the next steps of Market Access was organised by CEN CENELEC. The items discussed during the call were as under;
- When should we present the document in India?
- To Whom should we present the document? BIS? Indian Government? BIS International Relations Department? BIS Certification?
- How should we present the document to Indian representatives? Physical meeting when we are in India with a Barco representative from India?
- Send a last email to the two Indian industries confirming the content of the document | Take up Industry issued with MAIT, BIS and MEITY | Open | Generic |
| 55 | I | 31-10-2019 | Conference Call of the Preparatory Committee: Workshop CEN-CENELEC-BIS | Agenda for the workshop | Point wise discussion of the action items and pending items for successful organisation of the joint workshop by BIS , CEN CENELEC | Successful organisation of workshop | Open | Generic |

List of Queries addressed during the quarter (Oct-Dec 2019)

SESEI-IV
Sr. No.	**Date of Receipt**	**Brief Description**	**Requester**	**Sector**	**India Responsible**	**Action/Update**	**Document Reference**	**Status**
1	31-Dec-19	Sir, I am directed to convey you as follows: MEIT has asked to include the following additional terms of reference and resubmit the Committee report. "To verify use-cases internationally as well as potential for application in the country along with the existing capacity and ecosystem". All are requested to provide relevant use-cases, in line with the above, by 30.12.2019 positively. With kind regards, Kandregula Jagadeesh Babu	Kandregula Jagadeesh Babu <kjb@cca.gov.in>	ICT	MEITY	Dear Sir, Following documents may be useful on this: 1) Technical Report by oneM2M : http://onem2m.org/images/files/deliverables/Release3/TR-0001-Use_Cases_Collection-V3_1_1.pdf 2) List of Use cases by ETSI: https://www.etsi.org/technologies/internet-of-things 3) TEC technical reports: http://www.tec.gov.in/technical-reports/ 4) TSDSI Technical reports: https://tsdsi.in/tr/ Warm regards Dinesh	Email Query	Closed

| 2 | 18-Dec-19 | Dear Mr. Sharma,

A very good day to you.

The purpose of this email is that we run a blog on our website that features articles from rail industry leaders and experts. Given the importance of your presentation topic and your expertise that you shared on the panel session at the 8th International Railway Summit (IRS8) in New Delhi last month, we would like to promote it to a much wider audience by featuring your article in our blog. The main audience for this blog are industry professionals from various segments of the rail industry such as rail operators, rolling stock manufacturers, solution providers, national and regional governments and local authorities.

In addition to being published on our blog, we will also promote that on LinkedIn and Twitter.

We would like to know whether you would be interested in submitting such an article?

If yes, then the following are the | Rahul Jaywant <rahul.jaywant@irits.org> | Railway | IRITS | Dear Rahul,

We have prepared a short article on rail industry covering following:
- Railway Modernization – Standards are necessary to ensures quality, safety & economies of scale
- What Global/Regional Standards, its harmonisation and why is it necessary?

and sharing a copy of presentation made during 8th International railway summit (https://www.dropbox.com/sh/f6zopkusn879vma/AAA1jNAXM-etmGt_ulLXjnNwa/SESEI - CEN - CENELEC - Dinesh Chand Sharma.pdf?dl=0)

Regards;
Dinesh Chand Sharma | Email Query | Closed |

		details regarding the blog's format and deadline: • The article should not be more than 500 words, which is close to a page and half on A4. • The article should have a title and preferably an accompanying image. • Please include a brief 'About the author' paragraph at the end of the blog. The paragraph should include a short biography. This won't be counted towards the 500 word limit. • The deadline for submitting the article is 27th December 2019. Please feel free to contact me for any questions that you may have. Looking forward to hearing from you soon.						

3	21-Nov-19	Dear Mr. Sharma, This refers to our discussions a few days ago. Please find enclosed the presentation from HIBER GLOBAL-Netherlands. My questions are 1. For importing a few samples (Modem and nodes) for test set-ups in Engineering Colleges or test labs or initial proof of concept projects, can we import freely or we need any special permission 2. For offering full-fledged services through nano-satellites in India, I believe that a lot of clearances are required from various department of Government. Since Government is pushing for ease of business in India, is there a single window service for such approvals? 3. Can you make my introduction to right people in DoT, CDOT and service providers like BSNL, MTNL, any other- who can look at partnering with HIBER for a serious venture here. India is the focus market for HIBER, specially due to its critical need of getting data from agriculture, transport, jungles, desert and Ocean assets 4. What can be the collaborative	Vinay Agarwal <vinay@hiber.global>	ICT	Hiber Global	Dear Vinay, Please note below my comments/response My questions are 1. Any device operating on a frequency needs a WPC license for its import even if it is for trial purpose. Hence approach the WPC division of DoT, there are agencies which help in this activities and I know one of them - Shahab Khan shahab@wpcindia.com 2. Yes it is true and for satellite operation I think specific approvals are needed. Now with Indian Satellite active or in operation for IoT devices, Government may ask to operate IoT devices with Indian Satellite. I think railway is already doing a pilot on it for their assets. Again WPC may be able to provide more information on it. 3. Unfortunately, I don't deal with subject of spectrum anymore. Suggest taking a help of Shahab Khan shahab@wpcindia.com. Are you having an Indian Office already? Are you looking for a business partner, consultant to introduce this product in	Email Query	Closed

						India?		
						4. I only deal with European Standards and my work is not for profit and my project work exclusively with Indian Stakeholders around standards & related policies. Hence not available for any business partnership. Thanks and Regards; Dinesh Chand Sharma		
4	21-Nov-19	Shared list of CEN/CENELEC standards relevant to Safety of Machinery directives draft	Briard Ines <IBriard@cencenelec.eu>	Machinery	CEN CENELEC	Dear Ines, As discussed, please find the list of CEN/CENELEC standards enclosed which are relevant for Safety of Machinery directives draft.	Email Query	Closed
5	7-Nov-19	Hello Dinesh, Hope you're doing well. As you're aware, CNLABS is an ONF approved lab, IPv6 Ready Logo Approved Lab and is currently also undertaking testing for DoT's MTCTE Scheme. In our last meeting at C-DoT Foundation day, you had mentioned that oneM2M certification is getting good traction. We'd like to become a Authorized Certification Laboratory for this programme. Currently, TTA	Krishna Lahoti <krishna@cnlabs.in>	ICT	CNLABS	Dear Krishna, Thanks for your interest to becoming a oneM2M authorized Certification laboratory. I am copying my colleague at ETSI handling oneM2M affairs for further guidance on it. Dear Laurent, Please help and guide Mr. Krishna Lahoti from CNLABS which is an ONF approved Labs. Regards Dinesh	Email Query	Open

opportunities between your organisation and HIBER Global?

		Korea is the CB as well as the ACL, which is our peer lab in the IPv6 forum. Can you please help and guide us on becoming a oneM2M authorized Certification laboratory? We'd also like to discuss potential customers who might be interested in this certification program. Thanks, Krishna Ph: 7207580125						
6	1-Nov-19	Dear Dinesh, Following our discussion it looks like there is some interest at ETSI PDL to liaise with Indian stakeholders (even if they governmental institute). Your contribution to help establishing these contacts would be very much appreciated. For your reference – short description of the group: https://www.etsi.org/committee/1467-pdl Currently there are representatives from Telefonica, Huawei, Ericsson, John Deere, NEC and UCL. Best,	Rapolas.LAKAVICIUS@ec.europa.eu <Rapolas.LAKAVICIUS@ec.europa.eu>	ICT	European Commission	Hello Sir/Madam, As you may know ETSI has a Industry Specification Group (ISG) working on Blockchain/Permissioned Distributed Ledger (PDL) Standardization activities and short description of the group is available here https://www.etsi.org/committee/1467-pdl On this subject, there is also an upcoming blockchain conference co-organised by the European Commission: https://www.blockchainconvergence.com/ and It will take place in Malaga, Spain on 11-13 November 2019.	Email Query	Closed

						If your organisation has any interest to work on this subject, pleas explore joining it as my European Commission contact as highlighted below, ISG will be happy to have participation/contribution from Indian stakeholders. Warm Regards Dinesh		
7	30-Oct-19	Dear Sir or Madam, with great interest I have just read the SESEI report on "Indian Automobile Industry". I am a German Geography teacher and would like to deal with the topic in class. Could you please let me know, when the report was published? Somehow I am not able to find that out on my own. Many thanks for your support! Yours faithfully Annette Beierle	Annette Beierle <annette.beierle@peter-ustinov-gesamtschule-monheim.de>	Automotive		Dear Annette, I am pleased to learn that you found our report useful in your work. The report was published in Dec'2018. All of our reports are available at http://sesei.eu/knowledge-base/sesei-reports/ Warm Regards, Dinesh	Email Query	Closed

| 8 | 30-Oct-19 | Shared information regarding ETSI adoption/transposition of 3GPP standards | kaushal.anil17@gmail.com | Generic | TRAI | Dear Sir,

Please note below information regarding ETSI adoption/transposition of 3GPP standards as asked.

- There is a tool to map 3GPP numbers to ETSI numbers, on an individual, query basis
- A full list also exists (takes some time to load)
- In our search engine, listing "3GPP" as Technical Body and "Published" in Current Status will give a list of all the latest versions per Release. Clicking "all versions" will show all version in every single release.

Regarding the numbering/naming convention, ETSI simply put a 1 in front of the 3GPP number and remove the dot to get a ABC DEF ETSI number. Then as far as the title is concerned, ETSI remove the mention 3rd Generation Partnership Project, the mention to the TSG developing the spec and replace that with the list of RAN technologies that the specification is applicable for. Then below the spec title, ETSI add a mention to the 3GPP deliverable transposed, including version and release. On the 3GPP portal, the | Email Query | Closed |

| | | | | | applicability to RAN technologies is indicated in the info page for the spec while the spec itself only bears the logo of the latest RAN technology it is applicable for.
On the cover page of the deliverables, we also keep both the 3GPP logo and the logo of the latest RAN technology applicable.

See example below using 3GPP TS 27.007 v15.5.0 as an example:

In the 3GPP spec:
3rd Generation Partnership Project; Technical Specification Group Core Network and Terminals;
AT command set for User Equipment (UE)
(Release 15)

In the ETSI spec:

Digital cellular telecommunications system (Phase 2+) (GSM);
Universal Mobile Telecommunications System (UMTS);
LTE;
5G;
AT command set for User Equipment (UE)
(3GPP TS 27.007 version 15.3.0 Release 15) | | |

| 9 | 17-Oct-19 | Shared list of EN standards relevant for resource efficiency or circular economy | Arora, Rachna GIZ IN <rachna.arora @giz.de> | Resource efficiency or circular economy | GIZ | Dear Rachna,

Following up on below email, post my meeting at CEN CENELEC last week, they have sent a following list of EN which may be relevant for resource efficiency or circular economy.

TR 45550: Definitions related to material efficiency
- FYI – to be published after the publication of all the other standards

EN 45552: General method for the assessment of the durability of energy-related products
- Next step: Formal Vote

EN 45554: General methods for the assessment of the ability to repair, reuse and upgrade energy related products
- Closure of Formal Vote: 2019-10-25

EN 45553: General method for the assessment of the ability to re-manufacture energy related products
- Next step: 2nd Formal Vote

EN 45556: General method for assessing the proportion of re-used components in energy related products | Email Query | Open |

					- Published on 2019-06-07 EN 45555: General methods for assessing the recyclability and recoverability of energy related products - To be published on 2019-11-20 EN 45557: General method for assessing the proportion of recycled material content in energy related products - Next step: Formal Vote EN 45558: General method to declare the use of critical raw materials in energy related products - Published on 2019-03-01 EN 45559: Methods for providing information relating to material efficiency aspects of energy related products - Published on 2019-03-01		

| 10 | 15-Oct-19 | Dear Mr. Sharma,

This has reference to our earlier telephonic conversation today. As discussed, TRAI is exploring suitable solution for Set Top Box interoperability in India.
In this regard we are looking into ETSI GS ECI 001 (01-06) standards, which appear most promising, being a software based solution and, presumably, without any constraints with regard to scalability to accommodate number of CASs deployed in the field.
In this connection, we have referred some queries to ETSI for their comments which would be useful for TRAI in taking informed decision in the matter. I am hereby forwarding the queries vide trailing mail. It is requested to have a look at the same and to arrange for the pertinent information as soon as possible. On behalf of TRAI I appreciate your support in this regard.
_____
Best Regards,
Devendra Dwivedi
Jt. Advisor (B&CS)
Telecom Regulatory Authority of India | DEVENDRA DWIVEDI <jadvisor-bcs@trai.gov.in> | ICT | TRAI | Dear Sir,

Here is our first input to your query as below:

As you may know GS ECI 001 is a multi-part specification, composed of the following:
• Part 1: Architecture, Definitions and Overview
• Part 2: Use cases and requirements
• Part 3: CA/DRM Container, Loader, Interfaces, Revocation
• Part 4: The Virtual Machine (VM)
• Part 5: The Advanced Security System (2 sub parts: "ECI specific functionalities" and "Key Ladder Block")
• Part 6: Trust Environment
• Part 7: Extended Requirements

The Industry specification Group (ISG) ECI has been closed on 31 July 2018. All deliverables are available at: https://www.etsi.org/deliver/etsi_gs/ECI/.

We are also attaching the meeting report of the final meeting of ISG ECI as it contains the names of the officials and participants in the group. They may be the persons to contact in relation to this query further as it is | Email Query | Open |

					more related to the implementation and not the standards only. Also Here are the addresses for the group Chair: Dr. Jens JOHANN (Deutsche Telekom) j.johann@telekom.de and for the Secretary: Peter MANN (BMWi/BNETZa – German Telecom Regulator) - peter.mann@bnetza.de . You can keep us in copy if needed while writing to them for further information. We can also get you introduced, please let us know. I also attach the latest ECI report to the ETSI OCG as well as a white paper from 2014 in case that helps. Warm regards, Dinesh Chand Sharma		