SESEI Newsletter

SECONDED EUROPEAN STANDARDIZATION EXPERT IN INDIA

EUROPE

JULY 2023 ISSUE 05

cen	CENELEC	ETSI	European Commission	EFTA
European Committee for Standardization	European Committee for Electro Technical Standardization	European Telecommunications Standards Institute	European Commission	European Free Trade Association

Greeting from SESEI!

Dear Reader's

We are pleased to bring to you the 5th Edition of the SESEI Newsletter Europe for the month of July 2023. This Newsletter provides the latest updates and news from India around the Project Priority sectors i.e., Digitization and Clean & Green Technologies. Both India and EU/EFTA are engaged in strengthening cooperation in areas of mutual interest and global concern. In the recent visit of the Indian Prime Minister to France, both sides have committed to further deepening their cooperation in the areas of digital public infrastructure, cybersecurity, Start up, AI, supercomputing, 5G/6G telecom and digital skills development etc. Similarly, both India and EU/EFTA countries are desirous of an early conclusion to their trade negotiations.

India and EU are also in trade talks to realize a possible deal for India to supply 10 million metric tonnes of green hydrogen to the European Union (EU), which in turn would invest in one such clean energy project in India

Govt. of India has also released the draft Green Credit Programme Implementation Rules 2023 for incentivizing voluntary environmental actions of various stakeholders. The main objectives of the Green Credit Programme are to create a market-based mechanism for providing incentives in the form of Green Credits to stakeholders. To accelerate the adoption of energy efficient technologies, Govt. of India has also set up a dedicated Centre of Excellence (CoE), which is mandated to become the key reference and resource institution on industrial energy-efficient technologies.

To boost India's involvement in the global standardization activities, TEC has developed a Standards Coordination Portal for sharing information and promoting collaboration in the Standardisation of telecom and related ICT domains. TEC also prepared a standard on "Fairness Assessment and Rating of Artificial Intelligence Systems", which outline comprehensive procedures for evaluating and rating the fairness of artificial intelligence systems, ensuring ethical and responsible AI deployment.

Bharat6GAlliance (B6GA), a collaborative platform for 6G technologies consisting of public and private companies, academia, research institutions, and Standards development organizations was also launched by Ministry. This 6G alliance will forge coalitions and synergies with other 6G Global Alliances, fostering international collaboration and knowledge exchange. Similarly, the Indian Computer Emergency Response Team (CERT-In) to further address the goal of safe cyberspace has released a guidelines on information security practices.

Highlights of the SESEI activities are also available in the Newsletter. We encourage you to read the newsletter and stay updated on India related news and information.

Happy Reading!!!

Warm regards,
Dinesh Chand Sharma
Director Standards & Public Policy

SESEI | Seconded European Standardisation Expert in India

Enabling Europe-India Cooperation on Standards

Generic/Standards/Market Access (TBT)

pxhere.com

DPIIT to Roll out Mandatory Quality Norms for Home Electrical Appliances; One Order to Cover 85 Standards

Department for Promotion of Industry and Internal Trade will soon release mandatory quality control and safety standard norms for a number of household electrical appliances, DPIIT Joint Secretary stated.

The move aims at containing import of sub-standard goods from countries like China and also to boost domestic manufacturing for export of home appliances under 'Make in India' initiative, news agency PTI reported quoting the DPIIT Joint Secretary as saying. The Joint Secretary said the DPIIT has floated the proposed draft control norms for the home electrical appliances after consulting the Bureau of Indian Standards (BIS) and the draft norms are in public domain for comments.

According to the draft order, the norms would apply to all electrical appliances intended for household, commercial or similar applications with rated voltage not exceeding 250V single-phase ac or 415V three-phase ac.

As many as 85 standards will be covered under one quality control order for safety of household, commercial and similar electrical appliances. Once the order is rolled out, these items cannot be produced, sold/traded, imported and stocked unless they bear the BIS mark. The Joint Secretary said the move will help in addressing safety concerns about these products. He added the department is working hard to promote manufacturing of high-quality products in the country.

These products include Vacuum Cleaners, Electrical Shavers Hair, Massage Appliances, Electric Steam Cookers, Electric Heating Tools, Electric Coffee Makers, and Electric Food Processors. Most of the imports are coming from China.

The DPIIT Joint Secretary also held a stakeholder consultation meeting to discuss the draft order, which is in public domain for comments. More than 50 stakeholders from BIS, industry associations, different ministries and industry participated in the meeting.

LiveMint

freepik.com

National Workshop on Enhancing Indian Participation in Telecom Global Standards Bodies

Secretary Telecom launched the Standards Coordination Portal, developed by Telecommunication Engineering Centre (TEC). The portal by bringing together experts from diverse sectors including industry, academia, research institutes, and government aims to boost India's involvement in global standardisation activities. This shall also serve as a central hub for sharing information and promoting collaboration in the Standardisation of telecom and related ICT domains.

Sh. Rajaraman also unveiled the TEC standard on "Fairness Assessment and Rating of Artificial Intelligence Systems", which has been meticulously crafted through extensive consultations with stakeholders by TEC. This standard outline comprehensive procedures for evaluating and rating the fairness of artificial intelligence systems, ensuring ethical and responsible AI deployment. An Online Module for Voluntary Certification of telecom products was also introduced, which shall provide a streamlined process for certification.

Approval Certificate for Conditional Access System and the Technology Approval Certificate for Dual Band Outdoor Wi-Fi Access Point, was handed over to C-DoT, symbolising their commitment to quality and innovation.

Speaking on this occasion, Secretary Telecom emphasised that India has to play a leading role in the global telecom standardisation efforts. He suggested organising such events annually to bring industry, academia, startups and government organisations together for this purpose. His address focused contribution of research to economy and India becoming producers of Technology.

The workshop featured esteemed speakers and experts from industries, academia, government organisations, and renowned research and development centres. Engaging discussions revolved around topics such as the step-by-step process of standard-making processes, conversion of patents into Standard Essential Patents (SEPs), and the significant role of academic institutions in fostering a vibrant Standards Community.

freepik.com

Participants gained insights into the structure and significance of National working groups corresponding to these international Standardisation organisations. The event provided a platform to raise awareness and encourage active Indian participation in international standardisation bodies such as ITU, 3GPP, IEEE etc. The workshop emphasised the pivotal role of standardisation for businesses and start-ups, particularly through the Standard Essential Patents (SEP) mechanism.

Acknowledging the profound importance of contributing to global standards, the workshop aimed to strengthen India's standing not only in the telecom domain but also in the international arena as a whole. The event fostered collaboration, knowledge sharing, and innovation, empowering Indian stakeholders to actively contribute to shaping global standards.

National Workshop on Enhancing Indian Participation in Telecom Global Standards Bodies shall serve as a catalyst for India's progression towards becoming a global frontrunner in telecom technologies and standards.

Press Information Bureau

Cabinet Approves Introduction of National Research Foundation Bill, 2023 in Parliament to Strengthen Research Eco-System in the Country

The Union Cabinet, chaired by the Prime Minister Shri Narendra Modi, approved the introduction of the National Research Foundation (NRF) Bill, 2023 in the Parliament. The approved Bill will pave the way to establish NRF that will seed, grow and promote Research and Development (R&D) and foster a culture of research and innovation throughout India's universities, colleges, research institutions, and R&D laboratories.

The bill, after approval in the Parliament, will establish NRF, an apex body to provide high-level strategic direction of scientific research in the country as per recommendations of the National Education Policy (NEP), at a total estimated cost of Rs. 50,000 crore (€5.55 billion) during five years (2023-28).

The Department of Science and Technology (DST) will be the administrative Department of NRF which will be governed by a Governing Board consisting of eminent researchers and professionals across disciplines. Since the scope of the NRF is wide-ranging – impacting all ministries - the Prime Minister will be the ex-officio President of the Board and the Union Minister of Science & Technology & Union Minister of

Education will be the ex-officio Vice-Presidents. NRF's functioning will be governed by an Executive Council chaired by the Principal Scientific Adviser to the Government of India.

NRF will forge collaborations among the industry, academia, and government departments and research institutions, and create an interface mechanism for participation and contribution of industries and State governments in addition to the scientific and line ministries. It will focus on creating a policy framework and putting in place regulatory processes that can encourage collaboration and increased spending by the industry on R&D.

The bill will also repeal the Science and Engineering Research Board (SERB) established by an act of Parliament in 2008 and subsume it into NRF which has an expanded mandate and covers activities over and above the activities of SERB.

PIB

Government Amends Norms to Give Preference to Make in India Smart Meters

Ministry of Power (MoP) issued a revised list to add Make in India smart meters in preference list for public procurement. Smart meters with a minimum of 50% localised components would be eligible for government procurements.

The Ministry of Power has now amended its earlier notification related to public procurement, which gives special preference to Make in India materials. The latest amendment notification has special preference to Make in India materials. The latest amendment notification has included smart included smart meters under its preference list. Earlier electricity meters were in the list but smart meters were not part of it. The ministry had in 2017 issued a list of several appliances and components related to the electricity sector. The list of products mentioned in the list was eligible for preference in public procurement. The existing list included energy meters excluding smart meters, to get the benefits.

Sourenergy

India has submitted following "Technical Barriers to Trade (TBT) notifications" to the World Trade Organization (WTO)

- G/TBT/N/IND/286: Notification on Mandatory Testing and Certification of Telecommunication Systems (MTCTE) – Phase

- G/TBT/N/IND/253/Add.1: Notification on inclusion of security testing for Wi-Fi CPE and IP Router under MTCTE

- G/TBT/N/IND/218/Add.1: Notification of Mandatory Testing and Certification of Telecommunication Systems (MTCTE) – Phase III & IV

- G/TBT/N/IND/287: Medical Textiles (Quality Control) Order, 2023

- G/TBT/N/IND/281: Self-Contained Drinking Water Coolers (Quality Control) Order, 2023

- G/TBT/N/IND/288: Agro Textiles (Quality Control) Order, 2023

freepik.com

Digitization including Services

pixabay.com
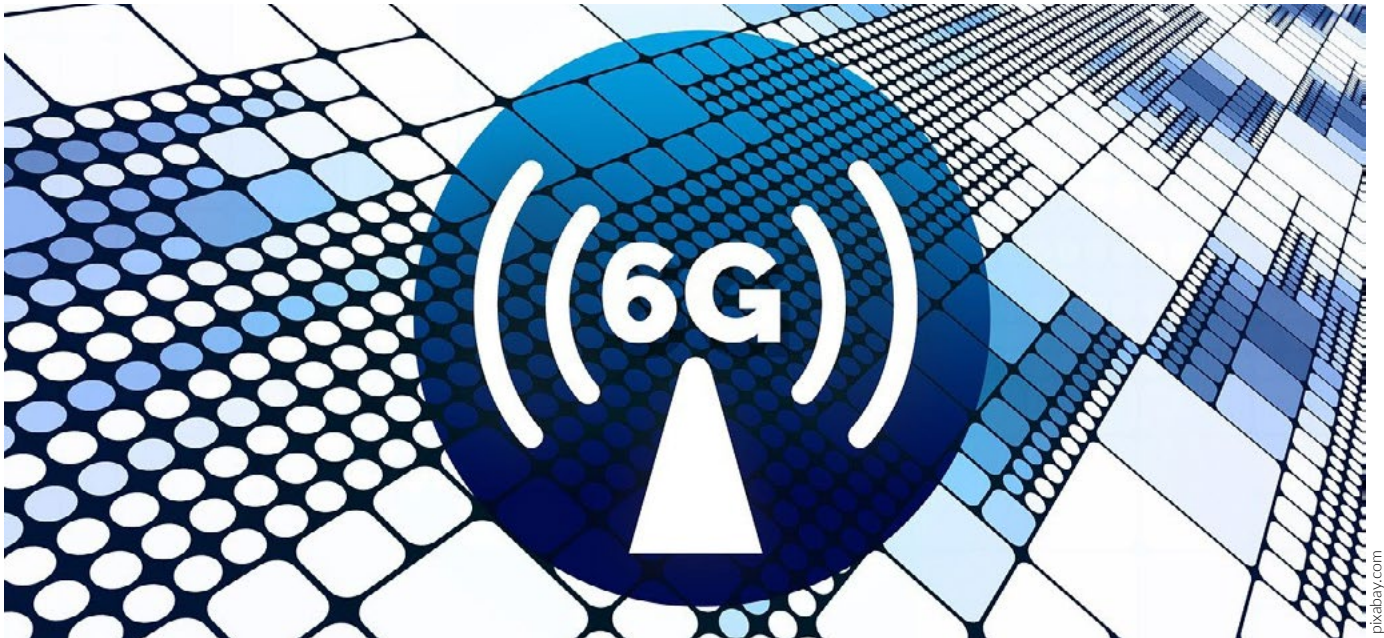
Recent Indian Government Policy Announcements

- National Quantum Mission approved by Indian Government

- Indian Space Policy 2023

- Digital Personal Data Protection Bill, 2022 (draft)

- National Data Governance Framework Policy 2022 (draft)

- India Data Accessibility and Use policy 2022

DoT Launches Bharat 6G Alliance to Drive Innovation and Collaboration in Next-Generation Wireless

In furthering the vision of Hon'ble Prime Minister of Universal and Affordable connectivity, developing indigenous technology, developing telecom and semiconductor manufacturing ecosystem, taking lead in 6G Technology, Hon'ble Union Minister for Communications, Electronics & Information Technology announced,

- Formation of the Bharat 6G Alliance (B6GA), a collaborative platform consisting of public and private companies, academia, research institutions, and Standards development organizations.

The website for Bharat6G Alliance was also launched, the link for the same is https://bharat6galliance.com

B6GA will forge coalitions and synergies with other 6G Global Alliances, fostering international collaboration and knowledge exchange

In addition, with a grant of 240.51 crores (€26.72 million) under the Telecom Technology Development Fund (TTDF), two agreements were signed for projects,

- 6G THz Testbed with Orbital Angular Momentum (OAM) & Multiplexing through consortium of SAMEER, IIT Madras, IIT Guwahati and IIT Patna

- Advance Optical Communication Test Bed with Consortium Members as IIT Madras, IIT Delhi, Indraprastha Institute of Information Technology (IIIT) Delhi, Signalchip Innovations, Signaltron Systems Pvt Ltd, Sasmos het Technologies Ltd, SFO Technologies Pvt. Ltd, ERNET India, Quanfluence Private Ltd, Sterlite Technologies Limited, Nav tech, Tejas network.

Press Information Bureau

India Aims for 10% 6G Patents by 2030

The Department of Telecommunications (DoT) announced an alliance of industry leaders and academia to drive innovation in the next generation wireless technology as the government aims for 10% of 6G patents by 2030. The government is also eyeing to launch the 6G network by 2030. The 15-member Bharat 6G Alliance will be led by Mr. N Ganapathy Subramaniam, Chief Operating Officer, Tata Consultancy Services (TCS).

Mr. Ashwini Vaishnaw, Union Minister for Railways, Communications and Electronics & IT, said the 6G alliance is basically a body created by the industry, academia and the government so that all work related to 6G development could be done in a very methodical, proper and systematic way.

India has so far acquired over 200 patents of 6G technology, and the number is increasing every week, he stressed. "We should keep a minimum target that 10% of the 6G IPR (Intellectual Property Rights) are from India by the time we reach 2029 or 2030," the minister added.

Mr. K Rajaraman, Telecom Secretary, said the task of coordinating, connecting and integrating is what probably the Bharat 6G Alliance should do, so that India's presence is felt on the global telecommunication map.

IBEF

CERT-In issues "Guidelines on Information Security Practices" for Government: Entities for Safe & Trusted Internet

Recognising the significance of a secure and trustworthy digital environment, the Government of India has formulated policies aimed at ensuring safe & trusted and secure cyber space for its users. It remains fully aware of the growing cyber threats and attacks present in today's digital world.

To further address the goal of safe cyberspace, the Indian Computer Emergency Response Team (CERT-In) has released guidelines on information security practices. These guidelines, issued under the powers conferred by clause (e) of sub-section (4) of section 70B of the Information Technology Act, 2000 (21 of 2000), apply to all Ministries, Departments, Secretariats, and Offices specified in the First Schedule to the Government of India (Allocation of Business) Rules, 1961, along with their attached and subordinate offices.

They also include all government institutions, public sector enterprises, and other government agencies under their administrative purview. Shri Rajeev Chandrasekhar, Minister of State for Electronics & Information Technology & Skill Development and Entrepreneurship said, "The Government has taken several initiatives to ensure safe & trusted and secure cyber space. We are expanding and accelerating on Cyber Security – with focus on capabilities, system, human resources and awareness."

These guidelines are a roadmap for the Government entities and industry to reduce cyber risk, protect citizen data and continue to improve the cyber security ecosystem in the country. They will serve as a fundamental document for audit teams, including internal, external, and third-party auditors, to assess an organisation's security posture against the specified cybersecurity requirements. The guidelines include various security domains such as network security, identity and access management, application security, data security, third-party outsourcing, hardening procedures, security monitoring, incident management, and security auditing.

Apart from adhering to the best practices in the field they also include guidelines prepared by the National Informatics Centre for Chief Information Security Officers (CISOs) and employees of Central Government Ministries/Departments to enhance cyber security and cyber hygiene.

These "Guidelines on Information Security Practices" for Government Entities for Safe & Trusted Internet are available at https://www.cert-in.org.in/guidelinesgovtentities.jsp

Press Information Bureau

Telecommunication Engineering Centre (TEC)

- TEC 42032:2023: Non-Geostationary Orbit (NGSO) Satellite Communication Networks in Fixed Satellite Service (FSS)

- TEC 57050:2023: Fairness Assessment and Rating of Artificial Intelligence Systems

Green and Clean Technologies

freepik.com

Recent Indian Government Policy Announcements

- National Green Hydrogen Mission

- Green Hydrogen policy released by Ministry of Power

India In Talks to Supply 10 Million Tonnes of Green Hydrogen To EU

India has hosted talks on a possible deal to supply 10 million metric tonnes of green hydrogen to the European Union (EU), which in turn would invest in one such clean energy project in India, sources told news agency Reuters. According to an earlier report, India will consider bilateral agreements with countries to allow them to use carbon credits linked to the production green hydrogen, or hydrogen made using renewable energy, in India in exchange for investment and purchase deals.

Under the plan, EU businesses could invest in the projects in India and claim carbon credits, according

to one of the officials. The meeting was attended by officials from EU governments and Indian renewable companies, including Avaada Group, Renew Power and ACME Group.

Countries are turning to hydrogen to drive an energy transition from fossil fuels across the globe and attempts to address global warming. Last year, India last year sought to further its ambitions to become a major green hydrogen exporter through the approval of a 174.9 billion rupees (€1.94 billion) incentive plan.

The government had approved the National Green Hydrogen Mission earlier this year, under which it plans to achieve five million metric tonnes (MMT) of green hydrogen production by 2030. "The recently launched National Green Hydrogen Mission, with an outlay of INR 19,700 crore (€2.18 billion), will facilitate transition of the economy to low carbon intensity, reduce dependence on fossil fuel imports," said Finance Minister Nirmala Sitharaman while presenting Budget 2023.

LiveMint

pexels.com

Govt Comes Out with Draft Rules of Green Credit Programme

The government has come out with the draft Green Credit Programme Implementation Rules 2023 for incentivising voluntary environmental actions of various stakeholders. According to a notification issued by the Environment Ministry, the Green Credit programme encourages private sector industries and companies as well as other entities to meet their existing obligations, stemming from other legal frameworks, by taking actions which are able to converge with activities relevant for generating or buying Green Credits.

The main objectives of the Green Credit Programme are to create a market-based mechanism for providing incentives in the form of Green Credits to individuals, farmer producer organisations, cooperatives, forestry enterprises, sustainable agriculture enterprises, urban and rural local bodies, private sectors, industries and organisations for environment positive actions.

The programme also envisages to create a mass movement around environment positive actions and realise the vision of "Mission LiFE" through pro-planet people and entities.

Economic Times

Power ministry establishes UTPRERAK, a Centre of Excellence to Accelerate Adoption of Energy Efficient Technologies in Indian Industry

The Ministry of Power, Government of India has set up a dedicated Centre of Excellence to accelerate industry adoption of clean technologies and thus scale up India's contribution to the global energy transition. Named UTPRERAK, short for Unnat Takniki Pradarshan Kendra, the Centre of Excellence to Accelerate Adoption of Energy Efficient Technologies seeks to play a catalytic role in improving energy efficiency of Indian industry. The Centre, named otherwise as Advanced Industrial Technology Demonstration Centre (AITDC), has been set up by the Bureau of Energy efficiency (BEE), Ministry of Power, at the Badarpur, New Delhi campus of the National Power Training Institute (NPTI), Ministry of Power. Union Minister of State for Power, Shri Krishan Pal inaugurated the Centre at NPTI Badarpur, New Delhi.

The Centre is mandated to become the key reference and resource institution on industrial energy-efficient technologies. As its name indicates, the Advanced Industrial Technology Demonstration Centre will demonstrate and showcase energy-efficient technologies in key industry sectors. It will act as an exhibition cum information centre and knowledge repository. It will be a knowledge exchange platform, where best practices from across various key sectors could be diffused among industry professionals through workshops and seminars.

More than 10,000 energy professionals are proposed to be trained in next five years. UTPRERAK will also serve as a strategic capacity-building institution and seeks to be a one-stop solution provider for energy professionals from across India for trainings and education in energy efficiency. It is expected to provide intensive training to more than 10,000 energy professionals from the industry and other potential sectors over the next five years.

Besides these, the Centre envisages to also provide key inputs for national energy policy formulation, link education and research in energy-efficient solutions, and develop innovative applied solutions for energy efficiency.

Press Information Bureau

EU/EFTA-India

India, European Free Trade Association Agree to Conclude Talks Early

A delegation led by Swiss economic affairs secretary Helene Budliger Artieda met Indian minister Piyush Goyal in London. INDIA and a four-nation bloc of Europe have agreed on an early conclusion of negotiations for a free trade agreement. India and European Free Trade Association (EFTA) states – Iceland, Liechtenstein, Norway and Switzerland – are negotiating the Trade and Economic Partnership Agreement (TEPA).

Indian commerce and industry minister Piyush Goyal held discussions on the progress of the agreement with an EFTA delegation led by the Swiss state secretary for economic affairs, Helene Budliger Artieda, in London on July 11 and 12. Artieda was accompanied by stakeholders from pharmaceutical, machinery and electronics industries of the EFTA states, the Indian commerce ministry said.

"The deliberations between the minister Piyush Goyal and state secretary Helene Budliger Artieda were fruitful and detailed discussions on crucial issues, with the shared goal of swiftly concluding the TEPA negotiations," it said.

Over the past few months, India and EFTA have intensified their engagement, highlighting the commitment of both parties to achieving an early conclusion to the TEPA negotiations, it added. Under such pacts, trading partners significantly reduce or eliminate customs duties on several goods traded between them, besides easing norms to promote trade in services and investments.

EasterEye

India, France Commit to Further Deepening Cooperation in Digital Public Infrastructure, Cybersecurity, Startup, AI

India, France have committed to further deepening their cooperation in areas such as digital public infrastructure, cybersecurity, Start up, AI,

pxhere.com

supercomputing, 5G/6G telecom and digital skills development.

The two countries have recognised the rapid advancement and transformation in digital technologies and have agreed to harness their respective strengths and philosophical convergence in their approaches to digitalisation, according to the India-France joint statement after the delegation-level talks between Prime Minister Narendra Modi and French President Emmanuel Macron.

India, France have, in line with the Indo-French Road map on Cyber security and Digital Technology, reaffirmed their commitment to join forces of their cyber-security agencies and related ecosystem partners in promoting a peaceful, secure and open cyberspace.

The two countries have recognised the far-reaching potential of startups in driving innovation, job creation, and economic growth, both countries emphasize upon their shared commitment to facilitate bilateral cooperation through enhanced connectivity between their respective Start up and entrepreneurial networks, according to India-France bilateral document "Horizon 2047: 25th Anniversary of the India-France Strategic Partnership, Towards A Century of India-France Relations".

PIB

Overview of SESEI Monthly Activities

SESEI is an emissary of standards & related policies and actively participates in various meetings, conferences, and forums to contribute, share best practices, knowledge and learn about new and emerging technologies and standardisation activities. During July 2023, SESEI was engaged in 20 meetings, participated in 10 events, and addressed 1 query. In this section, we have provided readers a glimpse of few of these important activities undertaken by SESEI during the month period.

- **VDMA seminar on Safe Framework of Standards and the upcoming challenges of Machinery Regulations in India:** SESEI expert was invited by the German Engineering Federation (VDMA) to attend the seminar as a speaker and give a presentation on the topic "EU-India Cooperation-Overview on Standards & Policy". SESEI expert used this opportunity and gave a presentation covering EU-INDIA: Growing Partnership (Partnership Instruments, Project SESEI), European Commission: Machinery Regulation (Machinery Directive 2006/42/EC à New Machinery Regulation 2023/1230), ISO Guide 78/ CEN Guide 414: Safety of machinery, CEN and ISO Standards for Safety of Machinery and BIS around Standards for Safety of Machinery etc.

- **SESEI organized a meeting between official of European Commission (EC) and BIS:** As a follow-up to recently held first Ministerial meeting of the Trade and Technology Council (TTC) launched with India, DG RTD co-chair of Working Group on Green and Clean Energy Technologies, visited Delhi (and Mumbai for G20) for discussions with their Indian counterpart, the PSA office, on the implementation of the Work Plan of WG 2. While in Delhi, the officers from the EU side held a meeting with BIS officers, to brainstorm on how best to implement the Work Plan and discuss around Standards & Research.

Upcoming Events

India Cloud Summit

When: 10 Aug 2023

Where: Shangri-Las Eros Hotel New Delhi, New Delhi, India

India Cloud Summit brings together cloud innovators, technologists, and business leaders, to help them shape their future and deliver successful digital transformation. More information

World Renewable Energy Technology Congress & Expo 2023

When: 25-26 Aug 2023

Where: New Delhi, India

The World Renewable Energy Technology Congress & Expo aims to discuss the challenges and opportunities faced by the energy sector in light of volatile energy markets and environmental concerns. More information

2nd edition Sustainability Summit 2023

When: 28th September 2023

Where: Bengaluru, India

In this conference, the top senior sustainability stakeholders from across the industry will discuss the challenges that they are facing, and the strategies leveraged to achieve long term business growth while building the sustainable work culture & environment for better tomorrow. More information

World Hydrogen Energy Summit 2023

When: 16 - 17 Oct 2023

Where: NDMC Convention Centre, New Delhi, India

The World Hydrogen Energy Summit is the Energy And Environment Foundation's global event offering a unique platform for hydrogen leaders to explore new energy futures. The theme of the summit is "Green Hydrogen: Cleaner and Zero Emission Fuel for a Sustainable Green Economy". More information

Safe City & Intelligent Mobility India 2023

When: 23 Aug 2023

Where: Shangri-La, New Delhi

The summit will bring together industry thought leaders, policymakers, investors and innovators on a single platform. Advances in mobility are already affecting the transportation systems of major cities around the world. More information

International Conference on Circular Economy – Green Energy 2023

When: 24 Sep 2023

Where: India Habitat Centre, New Delhi, India

The Renewable Energy Society of India (RESI) and the Chandradeep Solar Research Institute (CDSRI) are hosting an International Conference on Circular Economy - Green Energy to help and encourage researcher, experts, and organization in this sector. More information

E-Waste Conference Asia 2.0

When: 29 Sep 2023

Where: New Delhi, India

The conference will address collection and sorting solutions, credit trading, buy/take-back strategies, recovery of precious materials, circular electronics, raw materials, design for recycling, urban mining, IT asset disposition, and recycling of post-consumer, industrial & commercial electronics. More information

India EV Market Conclave 2023

When: 29th - 30th November 2023

Where: Hyatt Regency, New Delhi

The Conclave 2023 will focus on discussions on the evolving EV ecosystem in India, battery charging infrastructure, new opportunities, financing trends, risks, and challenges, and market outlook for the India EV market. More information

Annexure 1

Electrotechnical department (ETD)

The following Draft Indian Standards were issued by Electro-Technical division council at BIS during the last month for eliciting technical comment:

Electrotechnical (ETD)				
S. No.	Document No.	Document title	IEC/ISO	Last date of comment
1	ETD 8(22728)	High-voltage switchgear and control-gear Part 110: Inductive load switching	IEC / SC SC 17A (P); IEC / SC SC 17C -(P); IEC TC TC 17 - (P)	22-08-2023
2	ETD 11(22944)	Fuel cell technologies Part 3-100: Stationary fuel cell power systems Safety	IEC TC 21 - (P) IEC / SC 21A - (P)	15-09-2023
3	ETD 13(22573)	AC static direct connected watthour smart meter class 1 and 2 - Specification Amendment - 3	IEC TC 13 - (P)	01-08-2023
4	ETD 14(22795)	Specification for Fittings for Rigid Non- Metallic Third Revision	ISO TC 23 / SC 23 A,B,E,G,H,J, 34B IEC - (O) IEC TC 23A / SC 23A - (O) IEC TC 23B / SC 23B - (P) IEC TC 23E / SC 23E - (P) IEC TC 23G / SC 23G - (O) IEC TC 23H / SC 23H - (O) IEC TC 23J / SC 23J - (O) IEC TC 34B / SC 34B - (P)	02-08-2023
5	ETD 18(22817)	Analogue DC voltage signals for industrial process measurement and control systems	IEC TC 65 A / SC 65 A - (P) IEC TC 65 B / SC 65 B - (P)	04-08-2023
6	ETD 18(22818)	Analogue pneumatic signals for process control systems	IEC TC 65 A / SC 65 A - (P) IEC TC 65 B / SC 65 B - (P)	04-08-2023
7	ETD 18(22819)	Industrial-process control valves - Part 2-1: Flow capacity - Sizing equations for fluid flow under installed conditions	IEC TC 65 A / SC 65 A - (P) IEC TC 65 B / SC 65 B - (P)	04-08-2023
https://www.services.bis.gov.in/php/BIS_2.0/dgdashboard/draft/darftdetail/65/3/ETD				

Electronics and Information Technology department (LITD)

The following Draft Indian Standards were issued by Electronics and Information Technology division council (LITD) of BIS for eliciting technical comments:

Electronics and Information Technology Department (LITD)				
S. No.	Document No.	Document title	IEC/ISO	Last date of comment
1	LITD 15(19974)	Information technology - Guidelines for the organization and representation of data elements for data interchange Coding methods and principles	ISO/IEC/JTC1 TC 22 / SC 22 - (O) ISO/IEC/JTC1 TC 32 / SC 32 - (P) ISO/IEC/JTC1 TC 34 / SC 34 - (P)	11-08-2023
2	LITD 15(22597)	Information technology Programming languages Fortran Part 1: Base language First Revision	ISO/IEC/JTC1 TC 22 / SC 22 - (O) ISO/IEC/JTC1 TC 32 / SC 32 - (P) ISO/IEC/JTC1 TC 34 / SC 34 - (P)	18-08-2023
3	LITD 15(22598)	Information technology Programming languages their environments and system software interfaces Programming language COBOL	ISO/IEC/JTC1 TC 22 / SC 22 - (O) ISO/IEC/JTC1 TC 32 / SC 32 - (P) ISO/IEC/JTC1 TC 34 / SC 34 - (P)	15-08-2023
4	LITD 15(22628)	Information Technology - Metadata Registries MDR Part 3 Registry Metamodel and Basic Attributes Amendment - 1	ISO/IEC/JTC1 TC 22 / SC 22 - (O) ISO/IEC/JTC1 TC 32 / SC 32 - (P) ISO/IEC/JTC1 TC 34 / SC 34 - (P)	19-08-2023
5	LITD 15(22629)	Information Technology Database Languages SQL Part 13 SQL Routines and Types Using the JavaTM Programming Language SQL JRT	ISO/IEC/JTC1 TC 22 / SC 22 - (O) ISO/IEC/JTC1 TC 32 / SC 32 - (P) ISO/IEC/JTC1 TC 34 / SC 34 - (P)	19-08-2023
6	LITD 15(22630)	Information Technology Database Languages SQL Part 14 XML Related Specifications SQL XML	ISO/IEC/JTC1 TC 22 / SC 22 - (O) ISO/IEC/JTC1 TC 32 / SC 32 - (P) ISO/IEC/JTC1 TC 34 / SC 34 - (P)	19-08-2023

7	LITD 10(22742)	Power systems management and associated information exchange - Data and communications security - Part 90-3: Guidelines for network and system management	IEC TC 57 - (P) IEC TC / SC PC 118 - (P) IEC TC SyC Smart Energy (P)	30-08-2023
8	LITD 10(22744)	Power systems management and associated information exchange - Data and communication security - Part 100-6: Cybersecurity conformance testing for IEC 61850-8-1 and IEC 61850-9-2	IEC TC 57 - (P) IEC TC / SC PC 118 - (P) IEC TC SyC Smart Energy (P)	30-08-2023
9	LITD 10(22745)	Power systems management and associated information exchange - Data and communications security - Part 9: Cyber security key management for power system equipment	IEC TC 57 - (P) IEC TC / SC PC 118 - (P) IEC TC SyC Smart Energy (P)	30-08-2023
10	LITD 10(22761)	Communication networks and systems for power utility automation Part 5: Communication requirements for functions and device models First Revision	IEC TC 57 - (P) IEC TC / SC PC 118 - (P) IEC TC SyC Smart Energy (P)	30-08-2023
11	LITD 10(22762)	Energy management system application program interface EMS-API Part 401: Profile framework First Revision	IEC TC 57 - (P) IEC TC / SC PC 118 - (P) IEC TC SyC Smart Energy (P)	30-08-2023
12	LITD 10(22763)	Power systems management and associated information exchange - Data and communications security - Part 3: Communication network and system security - Profiles including TCPIP First Revision	IEC TC 57 - (P) IEC TC / SC PC 118 - (P) IEC TC SyC Smart Energy (P)	30-08-2023
13	LITD 10(22764)	Power systems management and associated information exchange Data and communications security Part 5: Security for IEC 60870-5 and derivatives Second Revision	IEC TC 57 - (P) IEC TC / SC PC 118 - (P) IEC TC SyC Smart Energy (P)	30-08-2023
14	LITD 30(22592)	Information technology Artificial intelligence Guidance on risk management	ISO/IEC/JTC1 / SC 42 - (P)	11-08-2023
15	LITD 30(22593)	Information technology Artificial intelligence Assessment of machine learning classification performance	ISO/IEC/JTC1 / SC 42 - (P)	06-08-2023
https://www.services.bis.gov.in/php/BIS_2.0/dgdashboard/draft/darftdetail/66/3/LITD				

Smart City/Civil Department (CED)

The following Draft Indian Standards were issued by CED 59-Smart Cities Sectional Committee of Civil engineering division council at BIS during the last month for eliciting technical comment:

Smart Cities at Bureau of Indian Standards (BIS)				
Smart Cities				
S. No.	Document No	Title of the Doc	IEC/ISO	Last date for Comments
No major updates				
https://www.services.bis.gov.in/php/BIS_2.0/dgdashboard/draft/darftdetail/63/3/CED				

Service Sector Department

The following Draft Indian Standards were issued by SSD of BIS during the last month for eliciting technical comment:

Services				
S. No.	Document No.	Document title	IEC/ISO	Last date of comment
1	SSD 9(22353)	Collaborative business relationship management Guidelines for large organizations seeking collaboration with micro small and medium-sized enterprises MSMEs	ISO TC 324 - (P) ISO TC ISO/TC 286 - ISO/TC 286 – (O) ISO TC ISO/PC 311 - ISO/PC 311 – (O) ISO TC ISO/TC 314 - ISO/TC 314 – (O) ISO TC ISO/PC 317 - ISO/PC 317 – (O) ISO TC ISO/TC 324 / SC ISO - (P)	14-08-2023
2	SSD 9(22624)	Collaborative business relationship management Guidelines for micro small and medium-sized enterprises on the implementation of the fundamental principles	ISO TC 324 - (P) ISO TC ISO/TC 286 - ISO/TC 286 – (O) ISO TC ISO/PC 311 - ISO/PC 311 – (O) ISO TC ISO/TC 314 - ISO/TC 314 – (O) ISO TC ISO/PC 317 - ISO/PC 317 – (O) ISO TC ISO/TC 324 / SC ISO - (P)	12-08-2023
https://www.services.bis.gov.in/php/BIS_2.0/dgdashboard/draft/darftdetail/107/3/SSD				

Mobility/Transport (TED)

The following Draft Indian Standards were issued by Transport engineering division council at BIS during the last month for eliciting technical comment:

Transport Engineering Department (TED)				
S. No.	Document No.	Document title	ISO/IEC	Last date of comment
1	TED 27(22985)	Specific requirements for M & N category electric power train vehicles	ISO TC 22 - (P) ISO TC 22 / SC 37 - (O) IEC TC 69 - (O)	14-09-2023
2	TED 27(22986)	SPECIFIC REQUIREMENTS FOR L CATEGORY ELECTRIC POWER TRAIN VEHICLES	ISO TC 22 - (P) ISO TC 22 / SC 37 - (O) IEC TC 69 - (O)	14-09-2023
https://www.services.bis.gov.in/php/BIS_2.0/dgdashboard/draft/darftdetail/67/3/TED				

At Automotive Research Association of India (ARAI)

The following Draft Indian Standards were issued by Automotive Research Association of India during the last month for eliciting technical comment:

Mobility at ARAI			
S. No.	Code	Title	Last date of comments
1	Draft AIS-098 (Rev. 1)/D1	Requirements for the Protection of the Occupants in the event of an Offset Frontal Collision	11-08-2023
2	Draft AIS-099 (Rev. 1)/D1	Approval of Vehicles with regards to the Protection of the Occupants in the event of a Lateral Collision	11-08-2023
3	Draft AIS-201/D4	Requirements for the Protection of the Occupants in the event of a Frontal Collision with focus on Restraint Systems	11-08-2023
https://www.araiindia.com/downloads			

At Research Designs & Standards Organization (RDSO)

The following Draft Indian Specifications/Drawings were issued by Research Designs & Standards Organization (RDSO) during the last month for eliciting technical comment:

Specifications/Drawings: RDSO			
S. No.	Specification/STR No.	Description	Last Date of Receipt of Comments
No Major updates			
https://rdso.indianrailways.gov.in/view_section.jsp?lang=0&id=0,4			

ICT at TSDSI

ICT At Telecommunications Standards Development Society, India (TSDSI)				
"List of New Item for Proposal at TSDSI"				
S. No.	New Item Proposal	Name	Version	Status
No new NIP				
For complete details of the NIP please click here				
"List of Study Item status update"				
S. No.	Study Item	Name	Version	Status
No new Study Item				
For complete details of the Study Items please click here				
"List of SWIC Status Update"				
S. No.	SWIP	Name	Version	Status
No new SWIC				
https://tsdsi.in/study-work-items-proposals/16/				

ICT at TEC

S. No.	Standard Number	Name of Standard	Date of Issue	Standard Type
1	TEC 85240:2023	Metal Free Optical Fibre Cable with Double HDPE Sheath for underground duct application (Type-I & Type-II)	24-07-2023	GR
2	TEC 85250:2023	Metal Free Ribbon Optical Fibre Cable with Double HDPE Sheath for underground duct application	24-07-2023	GR
3	TEC 42032:2023	Non-Geostationary Orbit (NGSO) Satellite Communication Networks in Fixed Satellite Service (FSS)	17-07-2023	IR
4	TEC 57050:2023	Fairness Assessment and Rating of Artificial Intelligence Systems	07-07-2023	SD
https://www.tec.gov.in/standards-specifications				
https://www.tec.gov.in/essential-requirements				

About Project

SESEI | Seconded European
· Standardisation
Expert in India

Enabling Europe-India Cooperation on Standards

The SESEI project (Seconded European Standardization Expert in India) is a project cofunded by five European partners, operating from New Delhi, India, with the objective to increase the visibility of European standardization in India and to promote EU/EFTA-India cooperation on standards and related activities. The SESEI Project (http://sesei.eu/) is managed by the European Telecommunications Standards Institute (ETSI - http://www.etsi.org/ - EU recognized Standards Organization for Telecommunication sectors) and is further supported by two other EU recognized Standards Organization, namely the European Committee for Standardization (CEN) and the European Committee for Electrotechnical Standardization (CENELEC) – http://www.cencenelec.eu - which develop and adopt European standards in a wide range of products, services and processes, as well as by the European Commission (www.ec.europa.eu) and the European Free Trade Association (http://www.efta.int/). It is a Standardization focused project, with a priority emphasis on the sectors falling under Digitization and Clean & Green Technologies etc.

SESEI

European Business and Technology Centre
DLTA Complex, South Block, 1st Floor,
1, Africa Avenue, New Delhi 110029

Mobile: +91 9810079461

Desk: +91 11 3352 1525

Board: +91 11 3352 1500

Fax: +91 11 3352 1501

E-mail: dinesh.chand.sharma@sesei.eu

www.sesei.eu

CEN
European Committee for Standardization
www.cen.eu

CENELEC
European Committee for Electrotechnical Standardization
www.cenelec.eu

ETSI
European Telecommunications Standards Institute
www.etsi.eu

EC
European Commission
www.ec.europa.eu

EFTA
European Free Trade Association
www.efta.int