EUROPE

SESEI Newsletter

SECONDED EUROPEAN STANDARDIZATION EXPERT IN INDIA

OCTOBER 2023

European Committee for Standardization | European Committee for Electro Technical Standardization | European Telecommunications Standards Institute | European Commission | European Free Trade Association

IN THIS ISSUE

Greeting from SESEI!

Dear Reader's

A hearty welcome to all of you from the SESEI's desk. We are happy to bring the SESEI Newsletter Europe for the month of October 2023.

7th Edition of the India Mobile Congress 2023 (the largest telecom, media, and technology forum in Asia) with the theme "Global Digital Innovation" was recently inaugurated by the Prime Minister and during the program, the Prime Minister awarded 100 '5G Use Case Labs' to educational institutions across the country.

Further, India and France signed an MoU on cooperation in the field of Digital Technologies. The MoU intends to enhance the G2G and B2B bilateral Cooperation in the field of Digital technologies as well as increase the employment opportunities in the field of IT.

In the Clean & Green segment taking a proactive approach, Ministry of Environment, Forest and Climate Change has introduced, the Green Credit Program (GCP) and the Ecomark Scheme. GCP is a singular unit of an incentive provided for a specified activity, delivering a positive impact on the environment. It can be earned by individuals, farmer-producer organisations (FPO), industries, rural and urban local bodies, among other stakeholders for their environment positive actions. The Ecomark notification is for the benefit of the consumers to create awareness and encourage eco-conscious choices.

The India-European Union (EU) Trade & Technology Council (TTC) Working Group 2 (WG2) convened a two-day workshop on "Green & Clean Energy Technologies" **in October.** The shared key takeaways included R&D on Lithium-ion batteries and recycling technologies, formalization of uniform waste collection system, and development of a business model for complete value chain. Need for a harmonized method to address plastic litter was also emphasized and it is proposed to develop standards for specific technologies under each of the thematic topics.

After establishing the National Green Hydrogen Mission, Ministry of New & Renewable Energy has unveiled the Roadmap for Research & Development, which will provide guidance for the development of ecosystem to commercialize Green Hydrogen and contribute to India's ambitious climate and energy goals. The R&D program will also prioritize safety and address technical barriers and challenges in developing a hydrogen economy.

Information on latest developments around policy and standards concerning the Project priority sectors along with highlights of the SESEI activities are provided in this newsletter.

Wish you all a very 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)

Shutterstock

India Hosts G20 Regulators' Dialogue on Standards

Within the framework of India's G20 presidency, Bureau of Indian Standards is delighted to organize the G20 Standards Dialogue 2023 on 02 and 03 November 2023 at the iconic Bharat Mandapam, New Delhi, India. The dialogue will explore how sustainability can be addressed through inclusive standardisation and good regulatory practices to achieve 'Zero Defect and Zero Effect'. The event is being organized with the support and guidance of Ministry on Consumer Affairs, Food and Public Distribution, and Ministry of Commerce and Industry, Government of India.

This event will witness participation from World Standards Cooperation, a high-level collaboration between the three world-wide international standards development organizations, the International Electrotechnical Commission (IEC), the International Organization for Standardization (ISO) and the International Telecommunication Union (ITU), G20 member countries and invitees. The dialogue provides a platform for industry leaders, government officials, standards professionals, regulators and policy makers to come together and drive progress in standardization and global regulatory environment. It aims to explore how the G20 goal of 'One Earth, One Family, One Future' can be realized through the foundation built by standards. With a focus on sustainability, regulatory excellence, and stakeholder engagement, we aim to shape the standards of tomorrow.

Bureau of Indian Standards

From 2024, Bureau of Indian Standards Nod Must for Another 115 Items

Starting next year, the Bureau of Indian Standards (BIS) will enforce mandatory quality norms for various products, including electric ceiling fans, stainless steel cookware, and aluminum cans for beverages. Violators of the Quality Control Order (QCO) can face imprisonment or fines. The government has set timelines for the implementation of the QCO for 115 product categories over the next six months.

Times of India

stocksnap.io

Solar Panels to have Star Label Indicating Quality and Energy Efficiency: Programme to be Voluntary for First Two Years

The Government has come out with a Standards & Labelling Programme for solar panels. The programme, launched in New Delhi on October 20, 2023, by the Union Minister for Power and New & Renewable Energy Shri R. K. Singh, will make it easier for citizens to make an informed and judicious decision while purchasing and deploying solar photovoltaic modules, known commonly as solar panels. The star labelling scheme prepared by the Bureau of Energy Efficiency (BEE) for PV modules is from January 1, 2024 till December 31, 2025. For this period, there shall be no labelling fee as well.

On the one hand, the formulation of performance standards will enable customers to be better aware of the cost and energy savings from using solar panels. At the same time, this also contributes to the government's larger goal of enhancing the share of renewable energy and reducing emission intensity of GDP by 45% by 2030.

"Till now, consumer had no option but to go by what installer says; with Star Labelling Programme, citizen can know which brand of solar panel is more or less efficient"

The Minister said that the Standards & Labelling Programme is in public interest, and explained how precisely the programme will empower the common man and woman who wants to install a solar panel. "While the government is promoting the solar rooftop programme, the common citizen has absolutely no idea as to which solar panel is more efficient or less efficient. At present, he or she is at the mercy of the vendor, the installer. The installer can say anything and the consumer had no way to check it. Now, the person who wants to get a rooftop installed can see for himself or herself which brand of solar module is more efficient, which is less efficient."

Press Information Bureau

Ministry of Textiles Extends Implementation of Geo Textiles (Quality Control) Order, 2022 from January 1st, 2024

The Ministry of Textiles, Government of India, has announced the extension of the implementation date for the Geo Textiles (Quality Control) Order, 2022. The Quality Control Order (QCO), which was originally scheduled to come into effect on 7th October 2023, will now be enforced from 1st January 2024.

The decision to extend the implementation date was made in consideration of requests made by firms for time to comply with the specifications of Bureau of Indian Standards (BIS), including ongoing certification processes at the BIS for the 19 items covered under S.O. 1706(E) dated 10th April 2023 and the subsequent Geo Textiles (Quality Control) Amendment Order, 2022 dated 24th May 2023.

The gazette notification pertaining to this extension is under issuance, and the Ministry of Textiles further expressed its commitment for ensuring quality of these products as these are used in infrastructure projects.

Press Information Bureau of India

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

- G/TBT/N/IND/318/Corr.1 Furniture (Quality Control) Order, 2023
- G/TBT/N/IND/321 Rubber Flooring Materials (Quality Control) Order, 2023

Digitization including Services

stocksnap.io

Recent Indian Government Policy Announcements

- National Quantum Mission
- Indian Space Policy 2023
- Digital Personal Data Protection Act, 2023
- National Data Governance Framework Policy 2022 (draft)
- India Data Accessibility and Use Policy 2022

Cabinet approves Memorandum of Understanding between India and France on cooperation in the field of Digital Technologies

The Union Cabinet chaired by Prime Minister Shri Narendra Modi has approved the signing of the Memorandum of Understanding (MoU) between the Ministry of Electronics and Information Technology of the Republic of India and the Ministry of Economy, Finance and Industrial and Digital Sovereignty of the French Republic on cooperation in the field of Digital Technologies.

Details: The MoU intends to promote closer cooperation and exchange of information pertaining to the digital technologies and will mutually support each Participant's goal to promote access to digital Technology in their country in accordance with the MoU.

Major Impact: Both G2G and B2B bilateral Cooperation in the field of Digital technologies will be enhanced. MoU envisages improved collaboration leading to employment opportunities in the field of IT.

Implementation strategy and targets: The cooperation under this MoU will start on the dated of its signature by both Participants and will last five (5) years.

Background: India and France are long-standing strategic partners in the Indo-European region. India and France are committed to nurture a thriving digital eco system and building collaboration that empower their citizens and ensure their full participation in the digital century.

Based on the Indo-French Road map on Cyber security and Digital Technology announced on 2019, India and France are pursuing an ambitious bilateral cooperation on advanced digital technologies, particularly in the fields of supercomputing, cloud computing, Artificial Intelligence and quantum technologies, including in the framework of the Global Partnership on Artificial Intelligence (GPAI).

Press Information Bureau

PM Inaugurates 7th Edition of the India Mobile Congress (IMC) Awards 100 '5G Use Case Labs' to Educational Institutions across the Country

Prime Minister unveiled a new initiative, launching 100 '5G Use Case Labs' for educational institutions. This move aims to drive development of 5G applications tailored to local and global requirements. While emphasizing the initiative's role in fostering innovation across diverse sectors like education and transportation, the prime minister indicated its potential to position India at the forefront of 5G technology utilization. Furthermore, it aligns with the nation's aspirations for nurturing a 6G-ready academic and startup ecosystem, advancing indigenous telecom technology crucial for national security.

"These labs prompt the youth to dream big and give them the confidence to achieve them", PM Modi said while inaugurating the seventh edition of the India Mobile Congress (IMC).

With a nod to the future, PM Modi touched upon emerging sectors like AI, cyber security, and green tech, emphasizing India's proactive role. He noted the surprising speed at which India rolled out 5G last year, covering a vast majority of cities and the population. "The future is going to be entirely different and it is a matter of happiness that our young generation is leading the tech revolution." he said.

Within a year of 5G rollout, India has 400,000 5G base stations which cover more than 97% of the cities and 80% of the population.

"India moved from the 5G rollout stage to 5G reach out stage," he said, while citing the country's jump in global broadband speed rankings. He also envisioned India taking the lead in 6G technology, emphasizing the tangible benefits of improved connectivity for sectors like education and healthcare. "India is not only expanding the 5G network in the country but also laying emphasis on becoming a leader in 6G," he remarked. He also expressed confidence that India will take the lead with 6G technology.

"We believe in the power of democratization. The benefit of development should reach every section and region, everyone should benefit from the resources in India, everyone should have a life of dignity and the benefit of technology should reach everyone. We are working rapidly in this direction", the prime minister said. "For me, this is the biggest social justice", he added.

PM Modi also lauded India's burgeoning startup ecosystem, highlighting the nation's rapid achievement of a century of unicorns. By contrasting past approaches to technology with the current administration's proactive stance, he celebrated India's transition from a mobile phone importer to the world's second-largest mobile manufacturer. He remarked on the country's growing prowess in electronics exports and the recent decision by Google to produce Pixel phones domestically.

Modi said that India today is exporting about Rs.2 trillion (€22.22 billion) worth of electronics manufactured in the country. "Samsung Fold Five and Apple iPhone 15 are already being manufactured here", he added, while stressing the need to take this success in mobile and electronics manufacturing further.

"For the success of both hardware and software in the tech ecosystem, it is important that we build a strong semiconductor manufacturing sector in India," the prime minister said, spotlighting the ongoing PLI scheme for semiconductor development. India's semiconductor mission is geared towards fulfilling both local and global demands, he added.

Press Information Bureau

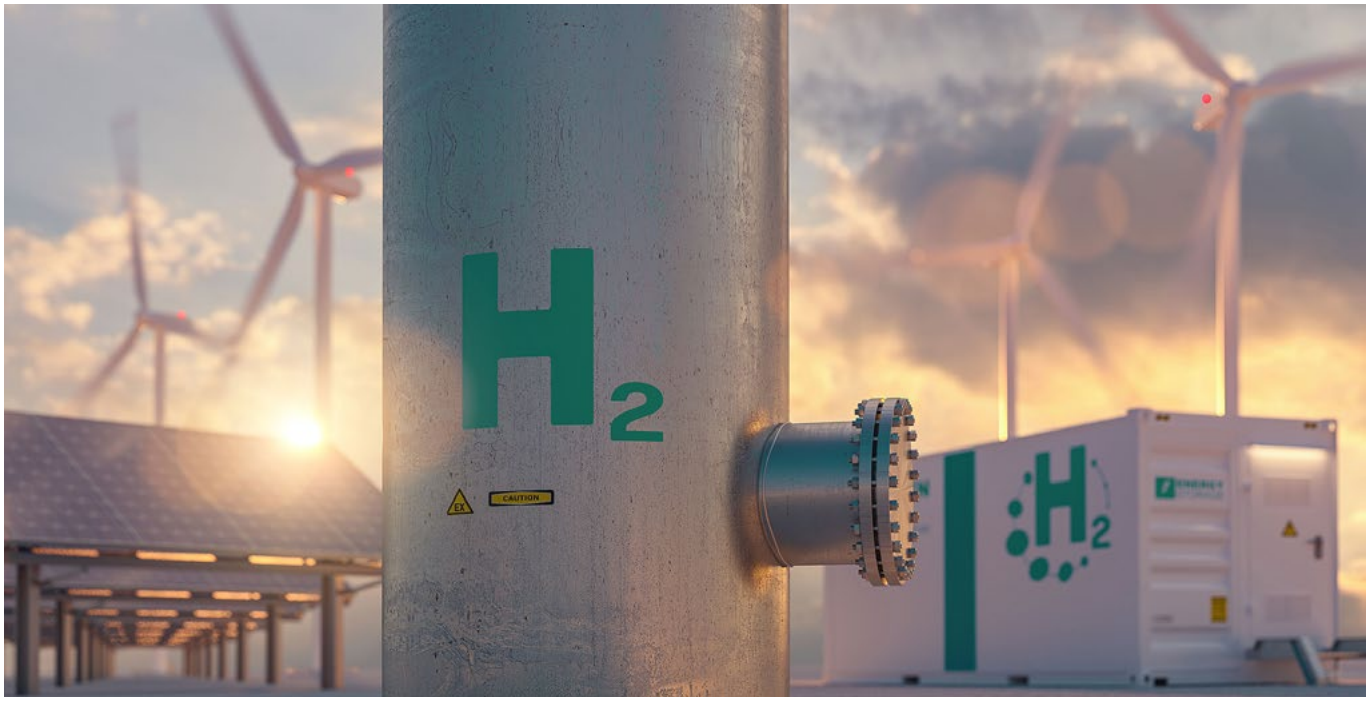
Telecom Regulatory Authority of India Consultations Papers/ Directives

- Consultation Paper on Digital Transformation through 5G Ecosystem. Read more
- Consultation Paper on Open and De-licensed use of Unused or Limited Used Spectrum Bands for Demand Generation for Limited Period in Tera Hertz Range. Read more
- Consultation Paper on 'Regulation on Rating Framework for Digital Connectivity in Buildings or Areas' Read more
- Consultation Paper on Assignment of Spectrum in E&V Bands, and Spectrum for Microwave Access (MWA) & Microwave Backbone (MWB). Read more

Telecommunication Engineering Centre (TEC)

- Technical Report on Technologies and Standards for Intelligent Transport System. Read more/download

Green and Clean Technologies



shutterstock

Recent Indian Government Policy Announcements

- National Green Hydrogen Mission
- Green Hydrogen policy
- Green Hydrogen Standard for India
- Green Credit Program (GCP)
- Ecomark scheme

Notification Issued for Green Credit Program (GCP) and Ecomark scheme Under LiFE Initiative to Promote Sustainable Lifestyle & Environmental Conservation

To take ahead the 'LiFE' - 'Lifestyle for Environment' movement announced by the Hon'ble Prime Minister in 2021, the Ministry of Environment, Forest and Climate Change has introduced two pioneering initiatives that indicate the country's pro-active approach to climate change, sustainability, and promotion eco-conscious practices. These initiatives, the Green Credit Program (GCP) and the Ecomark Scheme, seek to encourage environmentally friendly practices rooted in tradition and conservation, reflecting the ideas of Lifestyle for Environment (LiFE) concept.

Green Credit Program (GCP): Incentivizing Environmental Actions

Green Credit Program (GCP) notified on 13th October 2023 is an innovative market-based mechanism designed to incentivize voluntary environmental actions across diverse sectors, by various stakeholders like individuals, communities, private sector industries, and companies. The GCP's governance framework is supported by an inter-ministerial Steering Committee and The Indian Council of Forestry Research and Education (ICFRE) serves as the GCP Administrator, responsible for program implementation, management, monitoring, and operation. In its initial phase, the GCP focuses on two key activities: water conservation and afforestation. Draft methodologies for awarding Green Credits have been developed and will be notified for stakeholder consultation. These methodologies set benchmarks for each activity/process, to ensure

environmental impact and fungibility across sectors. A user-friendly digital platform will streamline the processes for registration of projects, its verification, and issuance of Green Credits. The Green Credit Registry and trading platform, being developed by ICFRE along with experts, would facilitate the registration and thereafter, the buying and selling of Green Credits.

To obtain Green Credits, individuals and entities must register their activities through the central government's dedicated app/website www.moefcc-gcp.in. The Administrator will verify the activity through a designated agency, with self-verification for small projects. Once verification is complete, the Administrator will grant a Green Credit certificate which will be tradable on the green credit platform.

Ecomark Scheme: Promoting Eco-Friendly Products

The philosophy behind LiFE, (Lifestyle for Environment) is nudging individual choices and behavior towards sustainability. In line with this approach, the MoEF&CC has recast its Ecomark notification so that consumers are able to make choices among products and thereby opt for those products that are eco-friendly in their design, process etc. The Ecomark Scheme, notified on 13th October 2023, replaces the previous Notification. It provides accreditation and labelling for household and consumer products that meet specific environmental criteria while maintaining quality standards as per Indian norms. Products accredited under the Ecomark Scheme will adhere to specific environmental criteria, ensuring minimal environmental impact. It will build consumer awareness of environmental issues and encourage eco-conscious choices. It will also motivate manufacturers to shift towards environmentally friendly production. The scheme seeks to ensure accurate labelling and prevent misleading information about products.

The Central Pollution Control Board administers the Ecomark Scheme in partnership with Bureau of Indian Standards (BIS).

Click here to see gazette notification

Click here to see gazette notification

Press Information Bureau

constructionweekonline.in

R&D Roadmap for National Green Hydrogen Mission Unveiled

On the eve of World Hydrogen and Fuel Cell Day, celebrated annually on October 8th, the Government of India held a half-day event to explore and leverage the boundless possibilities of hydrogen as a source of green and sustainable energy. The event, organized in New Delhi on October 7, 2023, by the Ministry of New & Renewable Energy, in association with Solar Energy Corporation of India Limited, brought together hydrogen experts from the industry, academia and government.

On the occasion, the R&D Roadmap for the National Green Hydrogen Mission was unveiled by the Ministry of New & Renewable Energy. The roadmap, which provides for a budget of Rs. 400 crores (€44.44 million), seeks to provide guidance for developing a vibrant research and development ecosystem which can help commercialize Green Hydrogen and contribute to India's ambitious climate and energy goals. It focuses on developing new materials, technologies, and infrastructure to improve the efficiency, reliability, and cost-effectiveness of green hydrogen production, storage, and transportation. The R&D program will also prioritize safety and address technical barriers and challenges in developing a hydrogen economy.

lawstreet.co

Launch of National Single Window System Page for Approvals under National Green Hydrogen Mission

Besides the R&D roadmap, the Green Hydrogen page on The National Single Window System (NSWS) of Government of India was unveiled, which will provide a single window to industry for obtaining all approvals related to projects under the National Green Hydrogen Mission. The page can be accessed here: https://www.nsws.gov.in/portal/scheme/greenhydrogenpolicy.

Press Information Bureau

BIS Published List of Indian Standards related to Hydrogen. Read more

Bureau of Indian Standards Approves Indigenous Charging Standards for 2Ws, 3Ws

The Bureau of Indian Standards (BIS) has granted approval to an indigenous AC and DC combined charging connector standard designed for light electric vehicles (LEVs), known as IS17017 (Part 2/Sec 7): 2023.

This is claimed to be the world's first-ever combined AC and DC charging connector standard for LEVs and is designed and engineered in India and can become the benchmark globally for LEVs.

The introduction of this standard benefits all stakeholders in the EV ecosystem, including vehicle owners, manufacturers and charging point operators. In addition, OEMs will now have a choice to move away from relying solely on international standards and protocols. "Since more than 75 per cent of new vehicles sold in India are either two- or three-wheelers, we created a standard that impacts the biggest chunk of the vehicle market. Several government bodies and private sector OEMs came together to make this happen," said BVR Subrahmanyam, CEO of NITI Aayog.

"This is a unique global innovation indigenously developed by BIS. It facilitates both AC (slow) and DC (fast) charging from the same service point or station and has enormous potential for the adoption and proliferation of electric mobility," he added. The initiative was undertaken by NITI Aayog, the Department of Science and Technology, ARAI, EV makers and the Bureau of Indian Standards to develop a national standard to help create an open ecosystem that will drive faster EV adoption across the globe.

Moreover, the standard addresses a large gap in the market for a standardised connector for an AC and DC combined charging system for light electric vehicles (two-wheelers, three-wheelers, and microcars).

A combined AC and DC charging connector ensures that a hybrid, cost-efficient infrastructure emerges for all forms of charging, whether fast or slow, for light electric vehicles. The customer benefits from having an interoperable network for fast and slow charging without carrying a bulky charger with them.

The Hindu Businessline

Policy soon to Use Urban Solid Waste for Constructing Highways

Road Transport and Highways Minister Nitin Gadkari said that the government is working on a policy to utilise urban solid waste for constructing highways, a move that can help unlock a whopping 24,700 acres of prime land holdings across India. The Ministry of Road Transport and Highways (MoRTH) has already utilised urban solid waste in constructing Delhi's Urban Extension Road-II (UER II), DND-Sohna Spur of Delhi Mumbai Expressway and Ahmedabad to Dholera Expressway.

"A policy is being finalised for utilising urban solid waste in constructing national highways ," Gadkari said at a press conference.

Urban waste: The disposal of solid waste generated on a daily basis is a major environmental challenge being faced in urban areas across India. Creating wealth from waste is possible through technology and visionary leadership, the Minister added.

The mechanism used could be to direct civic agencies to carry out segregation of solid waste at landfill sites. MoRTH will engage with local municipal bodies and work out a feasible model, which will offer incentives for establishing such facilities.

The Ministry would also conduct workshops to train and skill stakeholders. Besides, the highway contracts will enable a clause that will promote use of municipal waste in embankment construction.

Alternative fuels: Another notable step by MoRTH is to promote the use of alternative fuels in construction equipment and machinery. At present, all the construction equipment run on fossil fuels, and

wikimedia

consume around 400 crore (4 billion) litres of diesel annually. In a Rs. 1,000-crore (€111 million) road project, around Rs. 100 crore (€11 million) worthrunss diesel is consumed.

The Ministry can offer incentives such as interest subvention schemes, which can be worked out so that concessionaires and contractors can invest in construction equipment running on alternative fuels.

Emphasising the importance of alternative bio-fuels in the country's clean energy transition, Gadkari said the objective is to make an ethanol economy of ₹2 lakh crore (€22.22 billion). Flex fuel engines will operate on 100 per cent ethanol and the savings would surpass ₹1 lakh crore (€11.11 billion). In August, Toyota Kirloskar Motor unveiled the world's first prototype of BS-6 Stage-II, an electrified flex fuel vehicle.

An electrified flex fuel vehicle has both a flex fuel engine and an electric powertrain, which offers the ability to provide dual benefits of higher ethanol use and much higher fuel efficiency as is in case of a strong hybrid electric vehicle (SHEV), which can provide 30-50 per cent higher fuel efficiency as it can run 40-60 per cent in EV mode with engine shut off.

Hindu Business Line

EU/EFTA-India

India-EU Trade and Technology Council Working Group 2 Holds Two-Day International Workshop on Green & Clean Energy Technologies

The India-European Union (EU) Trade & Technology Council (TTC) Working Group 2 (WG2) convened a two-day international workshop on "Green & Clean Energy Technologies" during October 10-11, 2023. The workshop was organized by the Office of Principal Scientific Adviser to the Government of India and hosted by the Ministry of New and Renewable Energy (MNRE) in hybrid mode.

India-EU-TTC is strategic coordination and engagement on trade and technology between India and Europe. It was formally announced on 25 April 2022 after the bilateral cooperation meeting between the Hon'ble Prime Minister of India, Shri Narendra Modi and the President of the European Commission Ursula von der Leyen. Within the framework of the TTC, three working groups have been set up. The Working Group 2 on Green & Clean Energy Technologies is chaired by Professor Ajay Kumar Sood, Principal Scientific Adviser (PSA) to the Government of India from the Indian side and Mr. Marc Lemaître, Director-General, Directorate General for 'Research and innovation', European Commission, Brussels from the European side.

Professor Sood, in his inaugural address at the workshop, emphasized on the role of the India-EU TTC partnership in fostering India-Europe trade and technology ties. He outlined the workshop's objectives, which included exchanging insights on policy and regulatory frameworks, identifying cutting-edge green technologies, pinpointing collaboration opportunities and gaps, fostering co-development of technologies, and establishing institutional collaboration initiatives.

Mr. Lemaître, who joined the workshop via video conferencing, highlighted the pivotal role of research and regulation in accelerating the growth of green and clean energy technologies. He further emphasized the importance of India-EU collaboration towards a shared vision for a sustainable future and also highlighted e-vehicles as a key solution, paving the way to achieve future targets.

Read More on all the sessions and outcomes.

Press Information Bureau

Overview of SESEI Monthly Activities

istock

One of the most important objectives of the SESEI project is to create awareness on the European Standards and technologies in India and create opportunities to share best practices, work together with Indian standards development bodies and create synergy in areas of mutual interest.

During October 2023, SESEI was engaged in 24 meetings and participated in 12 events. In this section, we have provided readers a glimpse of few of these important activities undertaken by SESEI during the month period.

Advancing Sustainable Development: Building a Resilient Future – Focusing on India-EU Collaboration on 13th October 2023

SESEI expert was invited to attend the Cultural-cum-Academic Activities Event: Advancing Sustainable Development: Building a Resilient Future – Focusing on India-EU Collaboration as a key speaker. This event was organized by Miranda House in collaboration with the Culture Council, University of Delhi, Department of Slavonic and Finno-Ugrian Studies, and the Department of German and Romance Studies, University of Delhi. SESEI expert shared a presentation covering EU initiative, India Initiatives and EU-INDIA cooperation covering SDGs, Green Deal, Circular Economy, Eco-Design, Resource Efficiency, Material Efficiency etc. around Policy and Standards.

Brief Meeting with EISMEA Officials

SESEI expert was invited for a meeting by EU-Delegation to India, during the visit of EISMEA officials - Head of Unit Ms. Natalia MARTINEZ PARAMO and Head of Sector Ms. Muriel DE GRANDE from "European Innovation Council and SMEs Executive Agency (EISMEA)". SESEI expert made a short presentation covering, Project SESEI, its achievements and potential in India, EU-India relations etc.

International Workshop: INDIA-EU Trade and Technology Council (TTC) Working Group 2 on Green and Clean Energy Technologies

EU-India TTC WG2 convened a two-day international workshop on "Green & Clean Energy Technologies" during October 10-11, 2023. The workshop was organized by the Office of Principal Scientific Adviser to the Government of India and hosted by the Ministry of New and Renewable Energy (MNRE) in hybrid mode. SESEI expert attended the workshop to gain insights on:1) Waste to Green Hydrogen 2) Marine Plastic Litter and Wastewater 3) a. E-Mobility: Circulatory Aspects of Batteries b. Interoperability of Charging Infrastructure and 4) Standards. For more information please click here.

India Mobile Congress

The 7th Edition of the India Mobile Congress (IMC) took place from 27th to 29th October 2023 at Bharat Mandapam in New Delhi. Mr. Marcello Pagnozzi - Director Radio Connectivity Technologies, ETSI attended the IMC in person and spoke on the topic "Network Evolution beyond 5G".

Upcoming Events

4th Indo-EU Conference of "Standards and Emerging Technologies"

When: 7th December 2023

Where: New Delhi (hybrid mode)

Project SESEI is organizing 4th Indo-EU conference on "Standards & Emerging Technologies" which will focus on important topics such as Circular Economy (e-Waste, Plastics), Connectivity in Smart Cities (Digital, Energy & Transport) and Data Privacy & Cyber Security. For agenda, registration, please click here>>

International Conference on Big Data, IoT, Cyber Security and Information Technology (ICBDICSIT)

When: 13th Nov 2023

Where: New Delhi, India

This conference offers a plethora of business opportunities, research possibilities and unparalleled access to new markets in the pharmaceutical and healthcare industries. 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

SEEDS 2023: International Conference on Sustainability, Entrepreneurship, Equity and Digital Strategies 2023

When: December 8-9, 2023

Where: Jaipuria Institute of Management, Noida, Delhi NCR

The conference will focus on circular economy models that reduce waste, promote reuse, and minimize environmental impact. The goal is to ensure that future generations can enjoy a healthy planet and high quality of life. More information

Annexure 1

Electro-technical department (ETD)

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

Electro-technical (ETD)				
S No	Document No.	Document title	IEC/ISO	Last date of comment
1	ETD 42(23624)	Wind energy generation systems Part 12: Power performance measurements of electricity producing wind turbines Overview	IEC TC- 88 (P)	24-11-2023
2	ETD 42(23625)	Wind energy generation systems Part 12-1: Power performance measurements of electricity producing wind turbines First Revision	IEC TC- 88 (P)	24-11-2023
3	ETD 42(23627)	Wind energy generation systems Part 12-2: Power performance of electricity producing wind turbines based on nacelle anemometry	IEC TC- 88 (P)	24-11-2023
4	ETD 42(23628)	Wind energy generation systems Part 21-2: Measurement and assessment of electrical characteristics Wind power plants	IEC TC- 88 (P)	24-11-2023
5	ETD 42(23629)	Wind energy generation systems Part 50-1: Wind measurement Application of meteorological mast nacelle and spinner mounted instruments	IEC TC- 88 (P)	24-11-2023
6	ETD 42(23630)	Wind energy generation systems Part 29: Marking and lighting of wind turbines	IEC TC- 88 (P)	24-11-2023
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	ISO/IEC	Last date of comment
1	LITD 11(23480)	Optical Fibre Cables Part 2 Indoor Optical Fibre Cables Section 10 Family specification for simplex and duplex cables (First Revision)	IEC TC- 86 (P); IEC TC- 86A SC- 86A (P); IEC TC- 86C SC- 86C (P); IEC TC- 86 B SC- 86 B (O)	05-11-2023
3	LITD 17(23560)	Cybersecurity Guidelines for Internet security	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	19-11-2023
4	LITD 17(23561)	Information technology Security techniques Test requirements for cryptographic modules	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	28-11-2023
5	LITD 17(23562)	Cybersecurity IoT Security and Privacy Guidelines	ISO/IEC TC-JTC 1 SC-27 (P); ISO/IEC/JTC1 TC-WG SC-13 (P)	28-11-2023
6	LITD 30(23529)	Information technology Artificial intelligence Data life cycle framework	ISO/IEC TC-JTC 1 SC-SC 42 (P)	13-11-2023
7	LITD 30(23530)	Artificial intelligence AI Assessment of the robustness of neural networks Part 2: Methodology for the use of formal methods	ISO/IEC TC-JTC 1 SC-SC 42 (P)	13-11-2023
8	LITD 30(23531)	Software engineering Systems and software Quality Requirements and Evaluation SQuaRE Quality model for AI systems	ISO/IEC TC-JTC 1 SC-SC 42 (P)	13-11-2023
https://www.services.bis.gov.in/php/BIS_2.0/dgdashboard/draft/darftdetail/66/3/LITD				

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 5(21406)	Gym Services - Requirements	--	28-11-2023
2	SSD 3(23837)	Mobile financial services Customer identification guidelines	ISO TC 68 - (P) ISO TC 222 (O)	22-12-2023
3	SSD 3(23838)	Best practices for an internal BPoS handbook	ISO TC 68 - (P) ISO TC 222 (O)	22-12-2023
4	SSD 3(23839)	Reference data distribution in financial services	ISO TC 68 - (P) ISO TC 222 (O)	22-12-2023
https://www.services.bis.gov.in/php/BIS_2.0/dgdashboard/draft/darftdetail/107/3/SSD				

Chemical Department (CHD)

The following Draft Indian Standards were issued by Chemical Department (CHD) of BIS for eliciting technical comments:

Chemical Department (CHD)				
S No	Document No.	Document title	IEC/ISO	Last date of comment
1	CHD 34(18443)	GREENHOUSE GASES — CARBON FOOTPRINT OF PRODUCTS — REQUIREMENTS AND GUIDELINES FOR QUANTIFICATION	ISO TC 323 - (P); ISO TC 207 / SC 1 - (P); ISO TC 207 - (P); ISO TC 207 / SC 2 - (P); ISO TC 207 / SC 3 - (P); ISO TC 207 / SC 4 - (P); ISO TC 207 / SC 5 - (P); ISO TC 207 / SC 7 - (P); ISO TC 265 - (P)	11-12-2023
2	CHD 34(22987)	Environmental management systems Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area Part 1: General	ISO TC 323 - (P); ISO TC 207 / SC 1 - (P); ISO TC 207 - (P); ISO TC 207 / SC 2 - (P); ISO TC 207 / SC 3 - (P); ISO TC 207 / SC 4 - (P); ISO TC 207 / SC 5 - (P); ISO TC 207 / SC 7 - (P); ISO TC 265 - (P)	28-11-2023

3	CHD 34(22988)	Environmental management systems Guidelines for incorporating eco-design	ISO TC 323 - (P); ISO TC 207 / SC 1 - (P); ISO TC 207 - (P); ISO TC 207 / SC 2 - (P); ISO TC 207 / SC 3 - (P); ISO TC 207 / SC 4 - (P); ISO TC 207 / SC 5 - (P); ISO TC 207 / SC 7 - (P); ISO TC 265 - (P)	28-11-2023
4	CHD 34(22989)	Environmental management systems Guidelines for determining environmental costs and benefits	ISO TC 323 - (P); ISO TC 207 / SC 1 - (P); ISO TC 207 - (P); ISO TC 207 / SC 2 - (P); ISO TC 207 / SC 3 - (P); ISO TC 207 / SC 4 - (P); ISO TC 207 / SC 5 - (P); ISO TC 207 / SC 7 - (P); ISO TC 265 - (P)	28-11-2023
5	CHD 34(22990)	Monetary valuation of environmental impacts and related environmental aspects	ISO TC 323 - (P); ISO TC 207 / SC 1 - (P); ISO TC 207 - (P); ISO TC 207 / SC 2 - (P); ISO TC 207 / SC 3 - (P); ISO TC 207 / SC 4 - (P); ISO TC 207 / SC 5 - (P); ISO TC 207 / SC 7 - (P); ISO TC 265 - (P)	28-11-2023
6	CHD 34(22991)	Environmental management systems Guidelines for incorporating material circulation in design and development	ISO TC 323 - (P); ISO TC 207 / SC 1 - (P); ISO TC 207 - (P); ISO TC 207 / SC 2 - (P); ISO TC 207 / SC 3 - (P); ISO TC 207 / SC 4 - (P); ISO TC 207 / SC 5 - (P); ISO TC 207 / SC 7 - (P); ISO TC 265 - (P)	28-11-2023
7	CHD 34(22992)	Environmental management Material flow cost accounting Guidance for practical implementation in a supply chain	ISO TC 323 - (P); ISO TC 207 / SC 1 - (P); ISO TC 207 - (P); ISO TC 207 / SC 2 - (P); ISO TC 207 / SC 3 - (P); ISO TC 207 / SC 4 - (P); ISO TC 207 / SC 5 - (P); ISO TC 207 / SC 7 - (P); ISO TC 265 - (P)	28-11-2023

8	CHD 34(22993)	Environmental management Material flow cost accounting Guidance for phased implementation in organizations	ISO TC 323 - (P); ISO TC 207 / SC 1 - (P); ISO TC 207 - (P); ISO TC 207 / SC 2 - (P); ISO TC 207 / SC 3 - (P); ISO TC 207 / SC 4 - (P); ISO TC 207 / SC 5 - (P); ISO TC 207 / SC 7 - (P); ISO TC 265 - (P)	28-11-2023
9	CHD 34(22994)	Environmental management Water footprint Illustrative examples on how to apply ISO 14046	ISO TC 323 - (P); ISO TC 207 / SC 1 - (P); ISO TC 207 - (P); ISO TC 207 / SC 2 - (P); ISO TC 207 / SC 3 - (P); ISO TC 207 / SC 4 - (P); ISO TC 207 / SC 5 - (P); ISO TC 207 / SC 7 - (P); ISO TC 265 - (P)	28-11-2023
10	CHD 34(23001)	Environmental management systems Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area Part 2: Water	ISO TC 323 - (P); ISO TC 207 / SC 1 - (P); ISO TC 207 - (P); ISO TC 207 / SC 2 - (P); ISO TC 207 / SC 3 - (P); ISO TC 207 / SC 4 - (P); ISO TC 207 / SC 5 - (P); ISO TC 207 / SC 7 - (P); ISO TC 265 - (P)	28-11-2023
11	CHD 34(23019)	Environmental statements and programmes for products Principles and general requirements Second Revision	ISO TC 323 - (P); ISO TC 207 / SC 1 - (P); ISO TC 207 - (P); ISO TC 207 / SC 2 - (P); ISO TC 207 / SC 3 - (P); ISO TC 207 / SC 4 - (P); ISO TC 207 / SC 5 - (P); ISO TC 207 / SC 7 - (P); ISO TC 265 - (P)	28-11-2023
12	CHD 34(23021)	Environmental management Guidelines on the assurance of environmental reports	ISO TC 323 - (P); ISO TC 207 / SC 1 - (P); ISO TC 207 - (P); ISO TC 207 / SC 2 - (P); ISO TC 207 / SC 3 - (P); ISO TC 207 / SC 4 - (P); ISO TC 207 / SC 5 - (P); ISO TC 207 / SC 7 - (P); ISO TC 265 - (P)	28-11-2023
https://www.services.bis.gov.in/php/BIS_2.0/dgdashboard/draft/darftdetail/62/3/CHD				

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	IEC/ISO	Last date of comment
1	TED 24(23275)	Packaging - Transport Packaging for Dangerous Goods - Test Methods (First Revision)	ISO TC 51 (P); ISO TC 122 - (P); ISO TC 122 / SC 4 - (P); ISO TC 122 / SC 3 - (P)	04-11-2023
2	TED 24(23276)	Packaging Complete Filled Transport Packages General Rules for The Compilation of Performance Test Schedules (Second Revision)	ISO TC 51 (P); ISO TC 122 - (P); ISO TC 122 / SC 4 - (P); ISO TC 122 / SC 3 - (P)	04-11-2023
3	TED 24(23323)	PACKAGING - VOCABULARY - PART 1: GENERAL TERMS (First Revision)	ISO TC 51 (P); ISO TC 122 - (P); ISO TC 122 / SC 4 - (P); ISO TC 122 / SC 3 - (P)	04-11-2023
4	TED 24(23324)	PACKAGING - VOCABULARY - PART 2: PACKAGING AND THE ENVIRONMENT TERMS (First Revision)	ISO TC 51 (P); ISO TC 122 - (P); ISO TC 122 / SC 4 - (P); ISO TC 122 / SC 3 - (P)	04-11-2023
5	TED 32(23842)	UNMANNED AIRCRAFT SYSTEMS PART 4 VOCABULARY	ISO TC 20 / SC 16 - (P)	17-12-2023
https://www.services.bis.gov.in/php/BIS_2.0/dgdashboard/draft/darftdetail/67/3/TED				

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