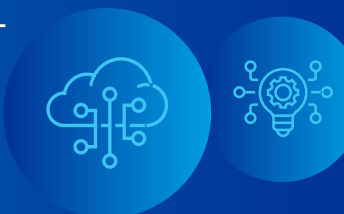




SESEI

SECONDED EUROPEAN
STANDARDIZATION EXPERT
IN INDIA

Newsletter



**MAY 2023
ISSUE 03**

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

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Greeting from SESEI!



Dear Reader's

A hearty welcome to all of you from the SESEI's desk. We are happy to bring the 3rd Edition of the SESEI Newsletter Europe for the month of May 2023.

This month has been the epitome of EU/EFTA and India talks and round of discussions on trade, technology, environment, and reciprocity. Significant progress in taking forward the negotiations on a Trade and Economic Partnership Agreement (TEPA) was achieved during the meeting held between India and EFTA. Minister of Commerce & Industry, Consumer Affairs & Food & Public Distribution and Textiles, led the Indian delegation and both EFTA and India agreed to ramp up their efforts to arrive at a common understanding on critical issues pertaining to TEPA.

The EU - INDIA, Trade Technology Council (TTC) meeting was also held during this month between European Union (EU) and India led by senior ministers and both sides agreed to work together and cooperate on **quantum and High-Performance Computing, Artificial Intelligence, semiconductor sector, digital skill, wastewater management, recycling of batteries for e-vehicles and standards etc.** The EU and India have also agreed to resolve bilateral market access issues and exchange information on each other's mechanisms on **foreign direct investment screening.**

With the objective of developing robust quality ecosystem in the country and providing the consumers with quality goods while meeting the global benchmark, Bureau of Indian Standards (BIS) have issued a total of 115 quality control orders (QCOs)

covering 493 products under its compulsory registration scheme. These QCOs are equally applicable to both Indian and foreign manufacturers.

In the digitization sphere, Indian government is working towards creating a framework for the Artificial Intelligence and to achieve this objective, seven working groups of the govt programme **INDIAai** will be submitting their report soon covering regulatory as well as capacity building aspects of AI. India is also privy to considering the adoption of EU proposed AI act to enforce rules on emerging tools like ChatGPT, Midjourney etc.

The Indian government's is developing Indian Carbon Market (ICM), which would establish a national framework, to decarbonize the Indian economy by pricing greenhouse gas (GHG) emissions through the trade of carbon credit certificates. India also engaged with EU on Carbon Border Adjustment Mechanism and discussion on this were held during the TTC meeting and further engagement will continue through this platform to find the right solutions.

Bureau of Indian Standards (BIS) and SESEI on behalf of CEN-CENELEC also held a meeting to discuss the implementation of BIS-CEN-CENELEC MoU and explore further cooperation activities between BIS & CEN-CENELEC.

Happy reading!

Warm regards,
Dinesh Chand Sharma
Director Standards & Public Policy



Generic/Standards/Market Access (TBT)



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

- [G/TBT/N/IND/261:](#) Copper Products (Quality Control) Order, 2023
- [G/TBT/N/IND/262:](#) Wood Based Boards (Quality Control) Order, 2023
- [G/TBT/N/IND/263:](#) Flux Cored Solder Wire (Quality Control) Order, 2023
- [G/TBT/N/IND/255:](#) Aluminium and Aluminium Alloys (Quality Control) Order, 2023
- [G/TBT/N/IND/257:](#) Nickel (Quality Control) Order, 2023

115 QCO's Covering 493 Products Notified for Compulsory BIS Certification

A total of 115 quality control orders (QCOs) covering 493 products have been notified for compulsory Bureau of Indian Standards (BIS) certification by the respective line ministries.

Commerce Minister told media that till May 2014, only 14 QCOs covering 106 products were notified for compulsory BIS certification and implementation of Indian Standards. In contrast, after May 2014, 101 QCOs covering 387 products have been notified, the minister informed.

The role of QCOs is significant to achieve the twin objectives of development of a robust quality ecosystem in the country and providing the consumers with quality goods meeting the global benchmark. Through the issuance of QCOs, the notified products have to conform to the requirements of the relevant Indian standard and the manufacturers of these products have to compulsorily obtain certification from BIS.

After the date of commencement of the QCO, no person shall manufacture, import, distribute, sell, hire, lease, store or exhibit for sale any product(s) covered under the QCO without a standard mark except under a valid certification from BIS.

As the QCOs are equally applicable to Indian manufacturers as well as foreign manufacturers, the Indian consumers are assured of the quality of such products manufactured in India as well as imported to the country. Some of the recent examples are toys (both electric and non-electric), helmets for two-wheeler riders, domestic appliances like air-conditioners, refrigerators, domestic cookers, and LPG gas stoves, among other products.

Business Standard





Digitization including Services



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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](#)

Govt Extends Smart Cities Mission Deadline by 1 Year

The Union Housing and Urban Affairs Ministry has extended the deadline of its Smart Cities Mission from June this year to June 2024 to enable all 100

smart cities to not only complete their projects but also document and disseminate the learnings from the mission.

The mission, which was launched in 2015, selected 100 cities through a competitive process from January 2016 to June 2018. The cities were given five years from their selection date to complete the projects they had proposed. In 2021, the ministry decided to make the deadline for all 100 cities till the end of June 2023.

Now, with two months to go, 50 out of the 100 cities have completed 75% of the projects and would be able to complete the remaining works by June. However, an official said, they would need more time to carry out the documentation, dissemination and institutionalisation of the best practices and innovations created under the mission so they can be replicated in other cities across the country. The official said the ministry had received many requests from cities as well as Chief Ministers and MPs asking for more time to complete the projects.

Indian Express





technext24.com

G7 Nations Back the “Risk-Based” AI Regulation

According to Reuters, the group of seven advanced nations are about to adopt a risk-based AI regulation after their digital ministries agreed, as European lawmakers proposed an AI act to enforce rules on emerging tools like ChatGPT, Midjourney etc.

Meanwhile, the G7 ministers, in a joint statement issued at the end of the two-day meeting in Japan, reminded that such regulation should be able to “preserve an open enabling environment” for the development of AI technologies and be based on democratic values.

The agreement sets a milestone for how major countries regulate AI amidst privacy concerns and security risks as the ministers identified that “policy instruments to achieve the common vision and goal of trustworthy AI may vary across G7 members”. Margrethe Vestager, the European Commission Executive Vice President, said, “The conclusions of this G7 meeting show that we are definitely not alone in this”.

After the thriving race of generative AI tools like ChatGPT, OpenAI’s chatbot, governments have focused more on them as it has become the fastest-growing application since its launch in November. The ministerial statement said, “We plan to convene future G7 discussions on generative AI, which could include topics like governance, how to safeguard intellectual property rights including copyright, promote transparency, address disinformation”, including information manipulation by foreign forces.

Italy, one of the G7 members, recently banned ChatGPT to investigate the potential breach of personal data rules. However, on Friday, Italy lifted the ban, which inspired fellow European privacy regulators to launch investigations. In addition, the EU lawmakers on Thursday made an agreement to propose a new draft of its upcoming AI act that includes copyright protection measures for companies that are using generative AI tools to develop their systems.

Vestager, the tech regulation chief of the EU, said the bloc “will have the political agreement this year” on the AI legislation like labelling obligations for AI-generated images or music to address copyright infringement and educational risks.

Indiaai

Government Working on Quality Standards of Drones, to Ensure Cybersecurity

The government has said that quality standards on unmanned aerial vehicles (drones) are under development, and once ready, will ensure cybersecurity, which is essential in drones to protect them from cyber-attacks, unauthorised access, and data theft.

The norms are being developed based on risk identification and compliance to this document will ensure protection of sensitive data, maintenance of privacy, safety, and prevention of hijacking.

The standards will also cover the design and maintenance needs like requirements for control and stability, propulsion system, flight control system and their geofencing.

Director General of the Bureau of Indian Standards (BIS) told reporters that the standards are still being framed but will ensure the performance of various subsystems such as control systems, mission profile, software under various environmental conditions of temperature, pressure, humidity, rain, vibration.

He further said that standards on e-vehicles and charging infrastructure are also under preparation, which will specify requirements for electric power trains and rechargeable electrical energy storage system (REESS) of different categories of vehicles. The proposed standards will also cover electric rickshaw e-kart and type approval of hybrid electric vehicles.

Business Standard

India, EU to Work on Rules, Standards for Tech Industry

India and the EU have decided to harmonise regulations on technology and jointly work on rules and standards for the broader industry, including Big Tech and top social media giants. The move comes within months of the country signing a strategic partnership with the US on critical and emerging technology, minister of state for IT & electronics Rajeev Chandrasekhar has said.



pexels.com

"India and EU have agreed to work on creating trusted and resilient supply chains for electronics, in semiconductors, AI, quantum computing and emerging technologies. We will also work together to shape the future of regulations for the internet in areas, such as, privacy and user harm," Chandrasekhar told TOI, while outlining broadening of relations with European countries in areas of IT and electronics.

The minister said with the EU and US partnerships in place, India will now play a key role in defining the future of technology, as well as that of trade. EU has globally been at the forefront of defining regulations around the internet and user privacy and had introduced the General Data Protection Regulation in 2016. The bloc is also working on a regulatory framework and rules around AI-heavy smart tech platforms such as ChatGPT, including in areas related to bias of algorithms and copyright.

Speaking about the agreement with the EU that was signed during a recent ministerial visit to Brussels, where Chandrasekhar was present, along with foreign minister S Jaishankar and commerce and industry minister Piyush Goyal, the IT minister said there would be a series of milestones that will emanate from partnership over 8-12 months. "There is a deep interest on how India is looking at online and data



TRAI Releases Recommendations on Ease of Doing Business in Telecom and Broadcasting Sector

The telecom regulator has recommended steps for ease of doing business (EoDB) in the telecom sector which include simplifying the verification process for license fees and spectrum usage charge, granting critical and essential services status to submarine cable laying and repair, single window portal for inter-ministerial approvals, and taking many approvals and permission seeking process online, and making them time bound.

[Download Recommendations, TRAI](#)

Cabinet Approves Production Linked Incentive Scheme – 2.0 for IT Hardware

The Union Cabinet approved the Production Linked Incentive Scheme 2.0 for IT Hardware with a budgetary outlay Rs. 17,000 crore (approx. €1.9 billion).

Salient features:

- PLI Scheme 2.0 for IT hardware covers laptops, tablets, all-in-one PCs, servers, and ultra small form factor devices.
- The budgetary outlay of the scheme is Rs. 17,000 crore (approx. €1.9 billion).
- The tenure of this scheme is 6 years.
- Expected incremental production is Rs. 3.35 Lakh crore (approx. €37.6 billion)
- Expected incremental investment is Rs. 2,430 crore (approx. €273 million)
- Expected incremental direct employment is 75,000

Significance: India is emerging as a trusted supply chain partner for all global majors. Large IT hardware companies have shown keen interest in establishing manufacturing facilities in India. This is further supported by the strong IT services industry having good demand within the country. Most majors would like to supply domestic markets within India from a facility situated in India as well as make India an export hub.

[PIB](#)

regulations because we are the largest community on internet today with over 800 million users and an estimated 1.2 billion by 2025-26."

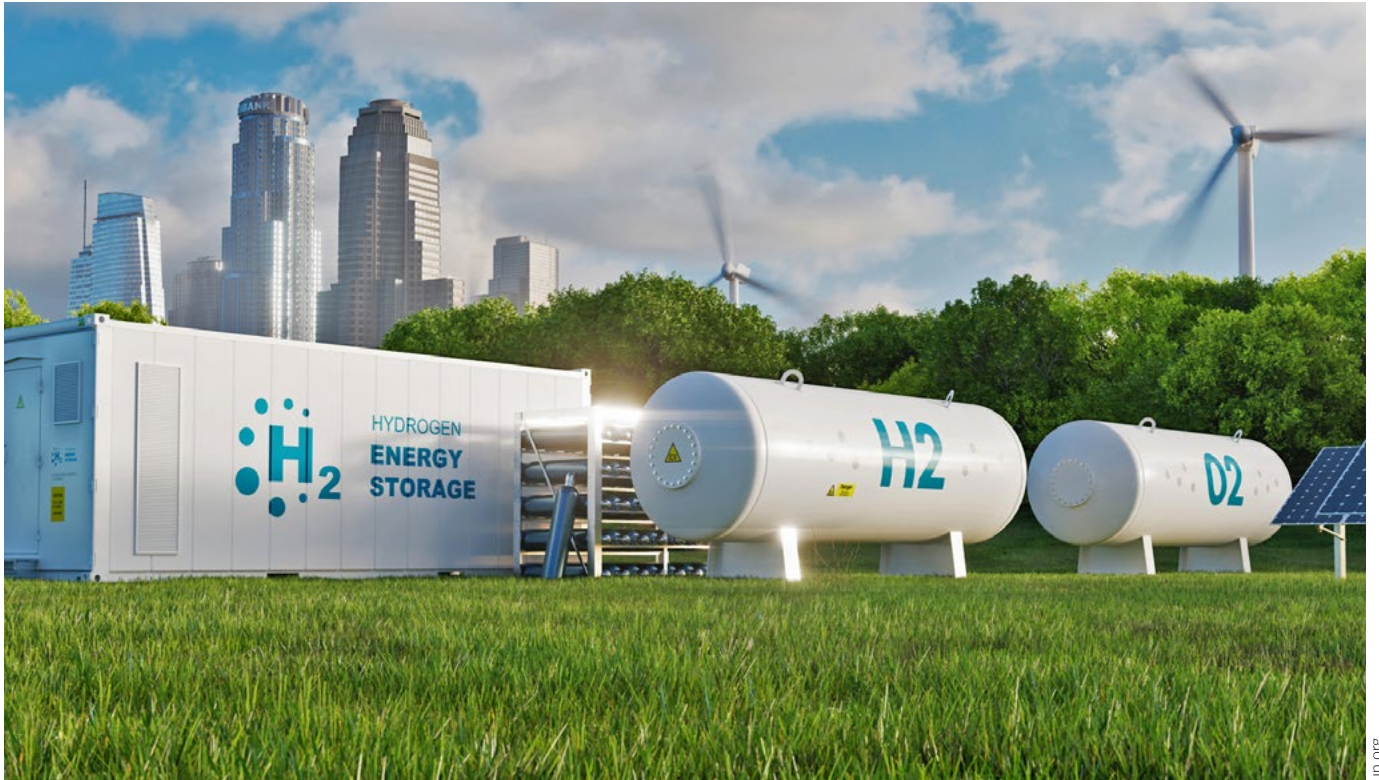
Chandrasekhar said there is appreciation on India's work on crucial subjects, such as, Digital Personal Data Protection Bill, Digital India Act, and also on how the government is handling online user harm or building guardrails for AI. "So, India's presence on the global internet eco-system is very significant today. There is a need to participate with, and partner, India when it comes to shaping the future regulations and standards."

Speaking about expected outcomes from the EU agreement, Chandrasekhar said the government expects joint ventures and investments in areas such as semiconductors and electronics, apart from looking at partnerships for getting manufacturing into India. "We also hope that there will be enhanced work on joint innovations."

[Times of India](#)



Green and Clean Technologies



Recent Indian Government Policy Announcements

- [National Green Hydrogen Mission](#)
- [Green Hydrogen policy released by Ministry of Power](#)

The Green Port Guidelines 2023 launched by Ministry of Ports Shipping and Waterways

To meet the larger vision of achieving Zero Carbon Emission Goal, Ministry of Ports, Shipping & Waterways has launched 'Harit Sagar' the Green Port Guidelines. Harit Sagar Guidelines - 2023 envisages ecosystem dynamics in port development, operation and maintenance while aligning with 'Working with Nature' concept and minimizing impact on biotic components of harbor ecosystem. It lays emphasis on use of Clean / Green energy in Port operation, developing Port capabilities for storage, handling and

bunkering Greener Fuels viz. Green Hydrogen, Green Ammonia, Green Methanol / Ethanol etc.

These Guidelines provides a framework for the Major Ports for drawing out a comprehensive action plan for achieving targeted outcomes in terms of quantified reduction in carbon emission over defined timelines, through focused implementation and close monitoring of Green Initiatives and to achieve Sustainable Developmental Goals (SDG).

The objective of guidelines is to minimize waste through Reduce, Reuse, Repurpose and Recycle to attain zero waste discharge from port operations and promote monitoring, based on Environmental Performance Indicators. This also covers aspects of National Green Hydrogen Mission pertaining to ports, development of green hydrogen facility, LNG bunkering, Offshore Wind Energy etc and provides provision for adopting global Green Reporting Initiative (GRI) standard.

PIB

[Download Guidelines](#)





wikimedia.org

India's G20 Presidency is an Opportunity for Offshore Wind: Countries, Businesses, and Financial Institutions to Work Together for Clean Energy Transition Ambitions

As part of the third Energy Transition Working Group (ETWG) meeting under India's G20 Presidency, the Ministry of New and Renewable Energy (MNRE), Government of India, in collaboration with the Global Wind Energy Council (GWEC) and National Institute of Wind Energy (NIWE) convened a high-level event "Harnessing Offshore Wind for Accelerating Energy Transition: The Way Forward" on 16th May 2023 in Mumbai. The event brought saw a gathering of government representatives, financial institutions, and senior domestic and international industry representatives. The event emerged as a platform for the exchange of urgent priorities for bolstering offshore wind deployment in India and globally - permits and clearances, supply chain resilience, low-cost financing, capacity building and business volumes to boost market attractiveness.

Secretary, Ministry of New and Renewable Energy (MNRE), Government of India, attributed offshore wind as a solution to air pollution and climate change mitigation. He emphasized the jobs creations opportunity through the flourishing of the offshore wind value chain. He outlined India's strides in harnessing offshore wind given its role in balancing the grid. He further added that India's G20 Presidency is an opportunity for offshore wind countries, businesses, and financial institutions to work together and build on mutual strengths to support national, regional, and global offshore wind and clean energy transition ambitions.

PIB

Start preparing for BS-7 vehicles, Don't Wait for Govt Push: Transport Minister

Keeping pollution in mind, Union Road Transport Minister has urged the automobile industry to start preparing for the next generation of BS-7 compliant vehicles and not to wait for the government's push.

BS-7 complaint automobiles will be prepared on the lines of proposed Euro-7 emissions standards. The European Commission has proposed to roll out the Euro-7 norm from July 2025 for new cars and vans, and July 2027 for new trucks and buses. Sources said the road transport ministry has started initial work for the BS-7 emission standard.

Speaking about the same at the apex technical committee on vehicle standards (CMVR-TSC) meeting, Gadkari said that the automakers in India now should start their own research and keep a focus on making vehicles as per BS-7 norms. He said this time the industries must take the initiative on their own. They should not wait for deadlines from the government, which already happened at the time of the BS-6 transition.

Indian auto industry should also go parallel to European counterparts, the minister added.

Times of India

A Carbon Credit Trading Scheme for Decarbonisation is Coming Up Soon

The goal of the Indian government's development of the Indian Carbon Market (ICM), which would establish

a national framework, is to decarbonise the Indian economy by pricing greenhouse gas (GHG) emissions through the trade of carbon credit certificates. The Carbon Credit Trading Scheme is being developed for this purpose by the Ministry of Power's Bureau of Energy Efficiency in collaboration with the Ministry of Environment, Forestry, and Climate Change. Recently, important stakeholders including accredited energy auditors, carbon/energy verifiers, sector experts, etc. participated in a one-day "Stakeholder Consultation on Accredited Carbon Verifiers under ICM" meeting in the Capital.

Since India already has a market mechanism based on energy savings, the new Carbon Credit Trading Scheme would strengthen efforts to transition to a more sustainable form of energy by expanding the focus to include all possible energy sectors in India. To meet the climate goals, GHG intensity benchmarks and targets will be created for these sectors and will be in line with India's emissions trajectory. Based on how well these sectoral trajectories are doing, carbon credits will be traded. Additionally, it is anticipated that a voluntary system will be developed concurrently to stimulate GHG reduction from non-obligated industries.

Outlook India

India Engaging with EU on Carbon Border Adjustment Mechanism: Working Together to Find the Right Solution

Union Minister for Commerce & Industry, Textiles, Consumer Affairs, Food & Public Distribution said that the India-EU FTA negotiation is progressing well while addressing the media after the 1st India-EU Trade & Technology Council (TTC) meeting in Brussels, Belgium. He said that the TTC is helpful as it is supplementing the FTA negotiations and the FTA will make India-EU relationship the defining partnership of the century.

He said that India is engaging with the EU on Carbon Border Adjustment Mechanism (CBAM) as it is not the EU's intention to create a barrier to trade but to find a way forward towards sustainability as part of collective efforts. He stressed that India and the EU are working together to find the right solution to the CBAM issue.

The Minister said that India's tariffs are very often misconstrued to be very high on most items, raw materials, intermediates but, the duties are very low.



The Minister said that the duties on technological items which are helping the Indian economy grow are very low. He said that the actual applied rates of tariffs are lower than the agreed bound rates at WTO.

Sh. Goyal mentioned that the political guidance received from the Prime Minister of India, Sh. Narendra Modi and the President of the European Commission, H.E. Ms. Ursula von der Leyen has been truly encouraging in setting the path for outstanding engagement. The Minister praised the creation of TTC as a platform of coordination to address key issues related to trade, trusted technology and security between India and EU. He said that both India and the EU are open market economies, vibrant democracies and pluralistic societies driven by the common interest of security, prosperity, and sustainable development.

PIB



EU/EFTA-India



pxhere.com

India and EFTA Take Further Steps Towards a New Trade and Partnership Agreement (TEPA)

Following is the text of Press Communique issued at the conclusion of talks between Shri Piyush Goyal, Union Minister of Commerce & Industry, Consumer Affairs & Food & Public Distribution and Textiles, Government of India, and leaders of European Free Trade Association.

“India and the European Free Trade Association (EFTA) States (Iceland, Liechtenstein, Norway, and Switzerland) have taken a significant stride forward in their quest for a Trade and Economic Partnership Agreement (TEPA). In a Ministerial meeting held in Brussels on 15th May 2023, Shri Piyush Goyal, Minister of Commerce & Industry, Consumer Affairs & Food & Public Distribution and Textiles of India; Guy Parmelin, Swiss Federal Councillor and Head of the Federal Department of Economic Affairs, Education and Research; Einar Gunnarsson, Ambassador, Permanent Representative at the Permanent Mission of Iceland in Geneva; Kurt Jäger, Ambassador, Permanent Representative at the Permanent Mission

of Liechtenstein to EFTA, WTO and the UN in Geneva, and Erik Andreas Underland, Specialist Director at the Norwegian Ministry of Trade, Industry, and Fisheries, discussed the modalities of engagement for working towards a comprehensive TEPA. This second Ministerial gathering followed a series of expert meetings that took place online the previous week.

The Ministerial meeting marked a significant milestone in taking forward the negotiations on a TEPA between India and EFTA. Both sides emphasized the importance of building their discussions on principles of trust and respect for each other's sensitivities to achieve a fair, equitable and balanced agreement. Indeed, a TEPA between EFTA and India could bring significant economic benefits, such as integrated and resilient supply chains and new opportunities for businesses and individuals on both sides leading to increased trade and investment flows, job creation, and economic growth. The delegations agreed to ramp up their efforts and continue their discussions at a steady pace, with several more meetings planned over the coming months, to arrive at a common understanding on critical issues pertaining to TEPA.”

PIB





First EU-India Trade & Technology Council Focused on Deepening Strategic Engagement on Trade and Technology

The European Union and India held their first ministerial meeting of the Trade and Technology Council (TTC) in Brussels. The TTC is a key forum to deepen the strategic partnership on trade and technology between the two partners. Geostrategic challenges have reinforced the EU and India's common interest in ensuring security, prosperity and sustainable development based on shared values. The TTC will help increase EU-India bilateral trade, which is at historical highs, with €120 billion worth of goods traded in 2022. In 2022, €17 billion of digital products and services were traded.

The ministerial meeting was co-chaired by Executive Vice-Presidents Margrethe Vestager and Valdis Dombrovskis on the EU side, and on the Indian side by Subrahmanyam Jaishankar, Minister of External Affairs; Piyush Goyal, Minister of Commerce and Industry; and Rajeev Chandrasekhar, Minister of State for Skill Development and Entrepreneurship and Electronics and Information Technology. They were joined by High Representative/Vice-President Josep Borrell, as well as Commissioner for Internal Market, Thierry Breton.

The European Union and India will cooperate on **quantum and High-Performance Computing** research and development projects to help address challenges such as climate change and natural disasters and improve healthcare via personalised medicine. Both partners also committed to seek cooperation on **trustworthy Artificial Intelligence** and coordinate their policies with regards to the strategic **semiconductors** sector through a dedicated Memorandum of Understanding. The EU and India will work towards bridging the **digital skills** gap and promoting exchange on digital talent. Both partners will engage on 5G, telecoms and Internet of Things standardisation. They will enhance the interoperability of their respective **digital public infrastructures** and promote secure, privacy-preserving solutions to the benefit of developing countries. The EU and India will focus on **waste water management**, including plastic litter and waste to hydrogen; **recycling of batteries for e-vehicles** and **standards** through pre-normative research.

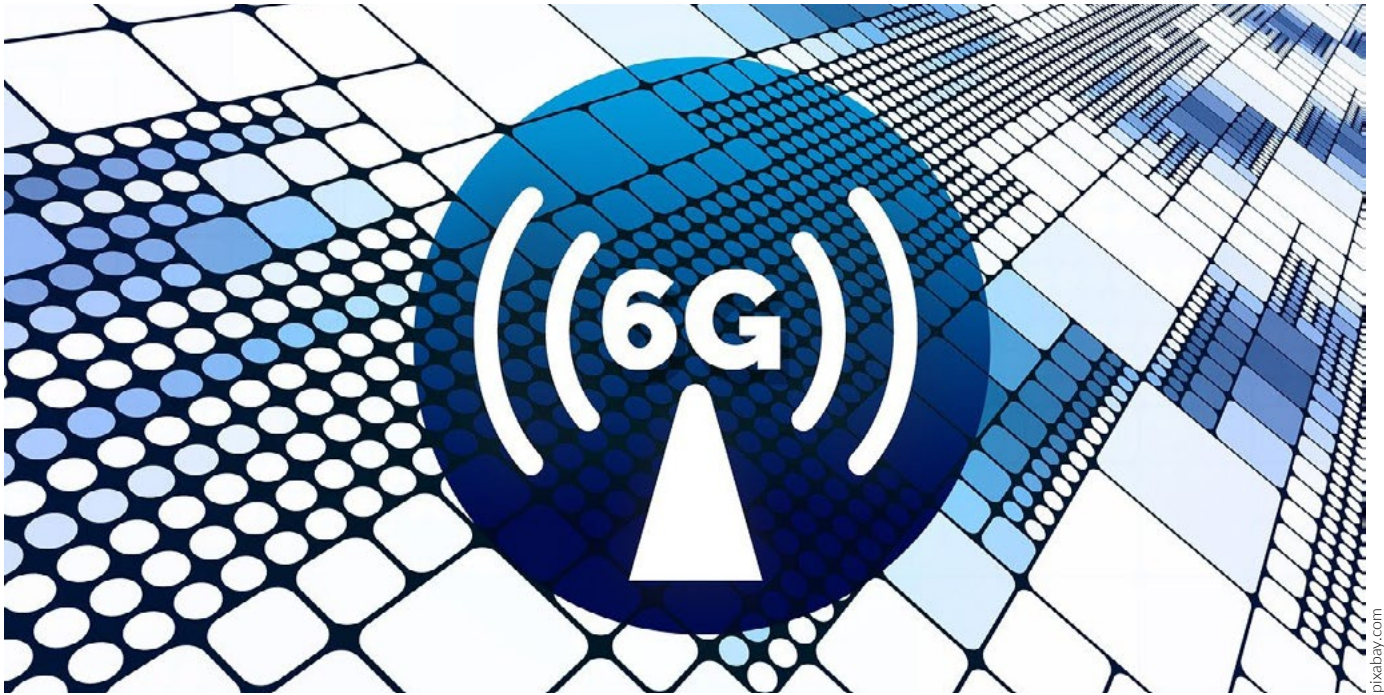
The EU and India have agreed to deepen their common work on **resilient value chains**, work to resolve bilateral **market access issues** and exchange information on each other's mechanisms on **foreign direct investment screening**. They will also address global and multilateral trade issues, with particular emphasis on the World Trade Organization. The two sides have also agreed to intensify their engagement on carbon border measures.

EC Europa





Overview of SESEI Monthly Activities



SESEI is an emissary of standards and actively participates in various meetings, conferences, and various forums to contribute, share best practices, knowledge and learn about new and emerging technologies and standardisation activities. During May 2023, SESEI was engaged in 18 meetings, participated in 8 events, and addressed 2 queries. In this section, we have provided readers a glimpse of some of the important activities undertaken by SESEI.

1st Edition of 6G India 2023 International Conference

Government of India unveiled the Bharat 6G Vision Document and launched the 6G R&D Test Bed on March 22, 2023. The vision document has been drafted by the Technology Innovation Group on 6G (TIG-6G) constituted in November 2021 with members of various ministries/departments, R&D institutions, academia, standardisation bodies and telcos to develop a roadmap and action plan for 6G deployments in India. According to Telecom and IT Minister, 6G task forces have developed a roadmap for technology and India now has over 127 global patents for 6G technology.

Keeping in mind Indian Government initiative on 6G, Bharat Exhibitions organized the **6G India 2023 International Conference & Exhibition on the 9th & 10th of May 2023** at New Delhi.

SESEI was invited to participate in the panel discussion on “**6G Research & Standardization**” in the “Opening Ceremony”. SESEI used this opportunity to share the update from Europe around 6G use cases, research, and standard work.

- 5G PPP bridging phase through the Hexa-X flagship.
- EU [Council Regulation 2021/2085](#) establishing **the Smart Networks and Services Joint Undertaking (SNS JU)** as a legal and funding entity, and [European Partnerships](#).
- [6G Smart Networks and Services Industry Association \(6G-IA\)](#).



Earlier, Global Business Inroads (GIB) approached SESEI to provide inputs to the Study report on “Smart Cities”. SESEI provided relevant input to the report, which were well recorded such as “TEC/BIS/TSDSI work around this subject especially oneM2M CSF, ETSI Standards adoption by India. SESEI also moderated the discussion during the thematic workshop organised by GIB with the stakeholders to review the findings and conclusions of the study.

Meeting with Bureau of Indian Standards (BIS): Implementation of BIS-CEN-CENELEC MoU and Future Cooperation Activities

International Relations and Technical Information Services Department (IR & TISD) of Bureau of Indian Standards (BIS) requested a meeting to discuss the implementation of BIS-CEN-CENELEC MoU and future cooperation activities. The meeting was chaired by the Director General BIS. SESEI expert along with officials from “Delegation of the European Union to India” attended the meeting.

SESEI during the meeting shared latest status of ongoing cooperation, valuable discussions were carried out covering exchange around BIS Study tour success, CEN-CENELEC-BIS Framework Copyright License Agreement status, ongoing co-operation, proposed monthly engagement between CEN-CENELEC-BIS, bilateral strategic meeting at the side-lines of ISO GA in Brisbane, priority topics of further cooperation, 4th International EU-INDIA Conference on 7th Dec’2023, MRA, QCOs, Market Surveillance, economic benefits of standards, etc. Both sides have agreed to continue this important engagement on operational and management level while exchanging the status updates on topics of mutual interest around Digitization, Green & Clean Energy, Market Access etc.

EU-India Digital Investment Forum (DIF)- Thematic workshop on Smart Cities

As a part of the EU-India Digital Investment Forum (DIF), the EU Delegation to India organised four Thematic Workshops on Cybersecurity, Digital Health, Smart Cities, and Microelectronics. SESEI expert was invited by Global Business Inroads (GIB) to moderate the thematic workshop on Smart Cities on 11th May 2023. The EU Delegation commissioned following four thematic studies giving an insight into strengths, gaps, initiatives, activities, and opportunities for EU-India businesses:

- [Microelectronics](#)
- [Cybersecurity](#)
- [Smart Cities](#)
- [Digital Health](#)



Upcoming Events

3rd ESG & Sustainability Strategy India Summit 2023

When: 21 - 22 June 2023

Where: Holiday Inn Mumbai International Airport

The 3rd ESG & Sustainability Strategy India Summit is one of the country's premier dedicated conferences that provides a common platform for the industry and other stakeholders to come together to discuss the key challenges, learn from the best practices adopted across India with focus on compliance, regulatory guidelines, and the latest innovations in sustainability. [More information](#)

India Circular Economy Forum (ICEF2023)

When: 29-30 June 2023

Where: IHC, New Delhi

ICCE brings 2nd edition of the India Circular Economy Forum (ICEF2023) which presents India's leading circular economy solutions with business leaders, policymakers, and experts participating from India and around the world. [More information](#)

Artificial Intelligence Summit 2023

When: 20 July 2023

Where: Shangri-La, New Delhi

Bharat Exhibition is organizing its 1st Annual Artificial Intelligence Summit 2023 to hear notable executive leaders within the GovTech sector, discuss important AI advancements achieved over the past year as well as cutting-edge development strategies for the next few years. [More information](#)

International Conference on Integration of Advanced Technologies for Industry 4.0

When: 23 - 24 Jun 2023

Where: KCG College of Technology, Chennai, India

2nd International Conference on Integration of / Advanced Technologies for Industry 4.0 - (ICIATI 2023) will provide an excellent international forum for sharing knowledge and innovations in Science, Engineering & Technology. [More information](#)

Net Zero Summits

When: 06 - 07 Jul 2023

Where: Le Meridien New Delhi, New Delhi, India

It is international consensus that, to prevent the worst climate damages, global net emissions of carbon dioxide (CO₂) need to fall by about 45 percent from 2010 levels by 2030, reaching net zero around 2050. [More information](#)

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](#)



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 40(22401)	Performance of high - Voltage direct current (Hvdc) systems with line - Commutated converters: Part 3 dynamic conditions (First Revision) Amendment - 2	IEC / SC 22F (P), IEC TC 115 - (P)	15-07-2023
2	ETD 40(22408)	Thyristor Valves for High Voltage Direct Current (HVDC) Power Transmission Part 1 Electrical Testing (First Revision) Amendment - 1	IEC / SC 22F (P), IEC TC 115 - (P)	15-07-2023
3	ETD 48(19990)	UHV AC Transmission Systems Part 102 General System Design	IEC TC 122 (P)	15-06-2023
4	ETD 48(19991)	UHV AC Transmission Systems Part 202 UHV AC Transmission Line Design	IEC TC 122 (P)	15-06-2023
5	ETD 48(19992)	UHV AC Transmission Systems Part 302 Commissioning	IEC TC 122 (P)	15-06-2023
6	ETD 48(19993)	UHV AC Transmission Systems Part 303 Guideline for the Measurement of UHV AC Transmission Line Power Frequency Parameters	IEC TC 122 (P)	15-06-2023

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 17(19140)	Internet of Things Security Privacy Part 1: Overview	ISO/IEC/JTC1 / SC 27 (P) ISO/IEC/JTC1 TC WG / SC 13 (P)	26-06-2023
2	LITD 17(19141)	Internet of Things Security Privacy Part 2: Controls and Requirements	ISO/IEC/JTC1 / SC 27 (P) ISO/IEC/JTC1 TC WG / SC 13 (P)	26-06-2023
3	LITD 17(19143)	Internet of Things Security Privacy Part 3: Assessment and Evaluation	ISO/IEC/JTC1 / SC 27 (P) ISO/IEC/JTC1 TC WG / SC 13 (P)	26-06-2023

4	LITD 17(22419)	Information Security Lightweight Cryptography Part 8: Authenticated Encryption	ISO/IEC/JTC1 / SC 27 (P) ISO/IEC/JTC1 TC WG / SC 13 (P)	14-07-2023
5	LITD 17(22427)	Cybersecurity Supplier Relationships Part 2: Requirements	ISO/IEC/JTC1 / SC 27 (P) ISO/IEC/JTC1 TC WG / SC 13 (P)	14-07-2023
6	LITD 28(21132)	Unified Data Exchange Part 3 API Test Suites Sec 1: Resource Access Service	IEC TC SyC / SC - (P) IEC TC SEG 9 - (P) ISO/IEC TC JTC 1 / SC WG 11 - (P) IEC TC SyC - (P)	21-07-2023
7	LITD 31(22428)	Information Technology Data Centre Facilities and Infrastructures Part 1: General Concepts	ISO/IEC/JTC1 / SC 38 -(P) ISO/IEC/JTC1 / SC 39 - (P)	14-07-2023
8	LITD 31(22430)	Information Technology Data Centre Facilities and Infrastructures Part 3: Power Distribution	ISO/IEC/JTC1 / SC 38 -(P) ISO/IEC/JTC1 / SC 39 - (P)	14-07-2023
9	LITD 31(22434)	Information Technology Data Centre Facilities and Infrastructures Part 4: Environmental Control	ISO/IEC/JTC1 / SC 38 -(P) ISO/IEC/JTC1 / SC 39 - (P)	14-07-2023
10	LITD 31(22436)	Information Technology Data Centres Key Performance Indicators Part 6: Energy Reuse Factor ERF	ISO/IEC/JTC1 / SC 38 -(P) ISO/IEC/JTC1 / SC 39 - (P)	14-07-2023
11	LITD 31(22438)	Information Technology Data Centres Key Performance Indicators Part 8: Carbon Usage Effectiveness CUE	ISO/IEC/JTC1 / SC 38 -(P) ISO/IEC/JTC1 / SC 39 - (P)	14-07-2023
12	LITD 31(22439)	Information Technology Data Centres Key Performance Indicators Part 9: Water Usage Effectiveness WUE	ISO/IEC/JTC1 / SC 38 -(P) ISO/IEC/JTC1 / SC 39 - (P)	14-07-2023
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 10(21410)	Electronic Signatures and Infrastructures ESI Policy and Security Requirements for Applications for Signature Creation and Signature Validation	--	07-07-2023
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		Last date of comment
1	TED 14(22331)	SPACE SYSTEMS SAFETY REQUIREMENTS PART 1: SYSTEM SAFETY	ISO TC 20 - (O) ISO TC 31 - (P) ISO TC 192 - (P) ISO TC 20 / SC 1 - (P) ISO TC 20 / SC 4 - (P) ISO TC 20 / SC 6 - (O) ISO TC 20 / SC 8 - (P) ISO TC 20 / SC 9 - (O) ISO TC 20 / SC 10 - (P) ISO TC 20 / SC 13 - (P) ISO TC 20 / SC 14 - (P) ISO TC 31 / SC 8 - (O)	24-06-2023
2	TED 14(22332)	SPACE SYSTEMS ELECTRICAL ELECTRONIC AND ELECTROMECHANICAL EEE PARTS PART 1: PARTS MANAGEMENT	ISO TC 20 - (O) ISO TC 31 - (P) ISO TC 192 - (P) ISO TC 20 / SC 1 - (P) ISO TC 20 / SC 4 - (P) ISO TC 20 / SC 6 - (O) ISO TC 20 / SC 8 - (P) ISO TC 20 / SC 9 - (O) ISO TC 20 / SC 10 - (P) ISO TC 20 / SC 13 - (P) ISO TC 20 / SC 14 - (P) ISO TC 31 / SC 8 - (O)	01-07-2023

3	TED 14(22333)	SPACE SYSTEMS ELECTRICAL ELECTRONIC AND ELECTROMECHANICAL EEE PARTS PART 2: CONTROL PROGRAMME REQUIREMENTS	ISO TC 20 - (O) ISO TC 31 - (P) ISO TC 192 - (P) ISO TC 20 / SC 1 - (P) ISO TC 20 / SC 4 - (P) ISO TC 20 / SC 6 - (O) ISO TC 20 / SC 8 - (P) ISO TC 20 / SC 9 - (O) ISO TC 20 / SC 10 - (P) ISO TC 20 / SC 13 - (P) ISO TC 20 / SC 14 - (P) ISO TC 31 / SC 8 - (O)	01-07-2023
4	TED 14(22334)	SPACE SYSTEMS DEFINITION OF THE TECHNOLOGY READINESS LEVELS TRLS AND THEIR CRITERIA OF ASSESSMENT	ISO TC 20 - (O) ISO TC 31 - (P) ISO TC 192 - (P) ISO TC 20 / SC 1 - (P) ISO TC 20 / SC 4 - (P) ISO TC 20 / SC 6 - (O) ISO TC 20 / SC 8 - (P) ISO TC 20 / SC 9 - (O) ISO TC 20 / SC 10 - (P) ISO TC 20 / SC 13 - (P) ISO TC 20 / SC 14 - (P) ISO TC 31 / SC 8 - (O)	25-06-2023
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-195/D4/May2023	Safety and Procedural Requirements for Type Approval of Hydrogen Powered Vehicles	--
2	Draft Amd. 3 to AIS-017(Part 6)	Procedure for Establishing Whole Vehicle Safety Conformity of Production (WVSCoP) for L, M, N category of vehicles, E-rickshaws & E-carts	27-05-2023
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
1	RDSO/SPN/TC/99/2023 Ver. 3.0-d1	Draft Specification for VoIP Based Train Control Communication System	20-06-2023
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
1	NIP305	Full-Duplex NB-IoT Devices for Smart Monitoring	TSDSI-SGN-NIP305-V1.0.0	Reserved
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 Items Contributions				
For complete details of the Study Items please click here				
"List of SWIC Status Update"				
S. No.	SWIP	Name	Version	Status
No new Study Work Items Contributions				
https://tsdsi.in/study-work-items-proposals/16/				

ICT at TEC

ICT At Telecommunication Engineering Centre (TEC)				
S. No.	Standard/ER No	Name of standard /ER	Standard type	Date of Issue
1	TEC 13016:2023	SAR for wireless communication devices used in close proximity to the human body	SD	24-04-2023
2	TEC 60020:2023	IP PABX	GR	01-04-2023
3	TEC 60030:2023	IP-PABX with MEDIAGATEWAY	GR	01-04-2023
4	TEC 60010:2023	Private Automatic Branch Exchange (PABX)	GR	01-04-2023
5	TEC 60012:2023	PABX for network Connectivity	IR	01-04-2023
https://www.tec.gov.in/essential-requirements				
https://www.tec.gov.in/standards-specifications				



About Project

SESEI | Seconded European
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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.

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