

# SESEI

SECONDED EUROPEAN  
STANDARDIZATION  
EXPERT IN INDIA

# Newsletters



European  
Committee for  
Standardization



European Committee  
for Electro Technical  
Standardization



European  
Telecommunications  
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Dear Readers,

This edition brings you the latest updates from **India** on key policy and market developments, highlighting new initiatives, evolving trends, and major legislative and regulatory actions in the fields of **Digitalization** and **Clean & Green Technologies including Market Access**. These updates reflect India's dynamic progress toward innovation, sustainability, and global collaboration—creating new opportunities for **EU-India partnerships** in technology, standards, and sustainable growth.

The **Council of the European Union** has endorsed a [New Strategic EU-India Agenda](#), emphasizing the consolidation of relations across key areas such as **prosperity and sustainability, technology and innovation, security and defence, and global connectivity**. Simultaneously, the EFTA-India Trade and Economic Partnership Agreement entered into force, targeting \$100 billion (€85.9 billion) in investments and one million jobs over fifteen years. Ongoing negotiations for an EU-India Free Trade Agreement are in their final stages, promising to enhance bilateral trade, innovation, and sustainable growth.

The Ministry of Steel has **suspended dual certification requirements for steel imports** until December 31, 2025, addressing supply chain disruptions caused by earlier mandates for Bureau of Indian Standards (BIS) certification of both raw materials and finished goods.

ETSI continues to strengthen EU-India collaboration in **ICT standardisation through the EU Project InDiCo-Global and SESEI**. ETSI delegation's visit to India during the India Mobile Congress 2025, holding a Cyber Security Session and meeting with its Indian Partners & stakeholders have reinforced its commitment to collaborate on the areas of mutual interest.

In the Digitalisation sector, the govt continues to strengthen digital accountability through the **Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Amendment Rules, 2025**, enhancing transparency in content removal and ensuring senior-level accountability within intermediaries. **Cybersecurity rules for telecom operators** have also been amended by DoT, which includes the creation of a **Mobile Number Validation (MNV)** platform to prevent identity misuse and fraud.

The Central Govt. is preparing a **national AI governance framework** mandating **labelling of AI-generated content**. Simultaneously, India is accelerating its **6G mission** supported by the **Bharat 6G Alliance**, as it is a targeted technology expected to contribute up to **\$1.2 trillion (approx. €1.03 trillion) to GDP by 2035** through transformative impacts across sectors like healthcare, agriculture, and disaster management.

The **Design-Linked Incentive scheme** continues to boost India's semiconductor ecosystem, attracting investments - over \$90 (approx. €77.27 million) million has been raised in the last five years, supported by the government's push for indigenous chip design and AI integration. Meanwhile, the government has proposed an **Assistive Technology Portal** for streamlined certification, procurement, and grievance monitoring to ensure affordability and accessibility for persons with disabilities (PwD).

Under the **PM E-Drive scheme**, the Ministry of Heavy Industries announced **₹2,000 crore (approx. €195 million) guidelines for public EV charging networks**, offering tiered subsidies up to 100% for installations of charging infrastructure on government premises. Complementing this, the government has issued its **first legally binding emission intensity targets** for aluminium, cement, chlor-alkali, pulp and paper sectors, operationalising the **Carbon Credit Trading Scheme, 2023** to advance India's Paris Agreement commitments.

Together, these developments underline India's transition toward a technologically advanced, sustainable, and globally integrated economy. Highlights of the SESEI activities for the month of October, the important upcoming events and the links to published standards of the Indian SDO's are included in this newsletter.

Happy Reading once again.

Best regards,  
Dinesh Chand Sharma



## Generic/Standards



### Dual Certification for Steel Imports Suspended till December-End



Amid mounting supply disruptions, the Steel Ministry has temporarily suspended the requirement of dual certification for the import of both finished steel goods and raw materials till December 31, 2025.

The exemption covers key stainless-steel-related Indian Standards — IS 6911, IS 5522, and IS 15997 — offering much-needed relief to MSMEs struggling with acute input shortages.

The ministry's earlier on June 13 order had mandated Bureau of Indian Standards (BIS) certification not only for finished products but also for the raw materials used, effectively resulting in double certification. The abrupt rule, announced with just a day's notice, left shipments stranded at ports and several factories idle.

According to the Global Trade Research Initiative (GTRI), obtaining BIS certification typically takes 6 to 18 months, involving high costs, audits, and performance guarantees. The process was seen as unviable for smaller overseas mills, reducing the supplier base and worsening input shortages. India already consumes 1.5 million tonnes more stainless steel than it produces, forcing even major firms to import over 30% of their requirements.

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## Digitization

### Centre Notifies Amendments to IT Rules, 2021 To Enhance Transparency, Accountability

The Ministry of Electronics and Information Technology (MeitY) has notified the Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Amendment Rules, 2025 to amend the Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021 ("IT Rules, 2021").

These amendments strengthen the framework of due diligence obligations of intermediaries under the Information Technology Act, 2000 ("IT Act"). Specifically, the amendments to Rule 3(1)(d) introduce additional safeguards to ensure that removal of unlawful content by intermediaries is carried out in a transparent, proportionate, and accountable manner. The amended Rules will take effect on November 15, 2025.

The IT Rules, 2021, were initially notified on February 25, 2021, and subsequently amended on October 28, 2022, and April 6, 2023. They prescribe due diligence obligations on intermediaries, including social media intermediaries, with the objective of ensuring online safety, security, and accountability.

Under Rule 3(1)(d), intermediaries are required to remove unlawful information upon receiving actual knowledge either through a court order or notification from the Appropriate Government.

The review undertaken by MeitY highlighted the need for additional safeguards to ensure senior-level accountability, precise specification of unlawful content, and periodic review of government directions at a higher level.

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### Telecom Department Notifies Cybersecurity Rules for Telcos to Tighten Security

The Department of Telecommunications (DoT) has notified amended cybersecurity rules which include provisions to bolster telecom network security, curb identity misuse and enhance traceability of equipment.

A key feature of the amendments to the Telecommunications Act is the creation of a Mobile Number Validation (MNV) platform, empowering the government to verify telecom identifiers — such as phone numbers — used by entities offering digital services linked to telecom networks.

The MNV platform will allow authorised entities, telecom licensees and other registered service providers — classified as Telecommunication Identifier User Entities (TIUEs) — to check if the numbers used by their customers correspond to verified users in operators' databases. This move targets identity fraud, spam, and misuse of telecom identifiers.

The notification follows public consultations on a draft released in June, with the government stating that all stakeholder suggestions were considered before finalisation.

Despite industry consultation, tech companies and privacy advocates have flagged concerns, calling the rules overreaching and potentially invasive. They argue that the framework could expand DoT's jurisdiction over non-telecom entities and lead to mass processing of personal data.

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### Government Proposes Online Portal to Streamline Certification, Access to Assistive Technology

The Centre has proposed setting up an online Assistive Technology Portal for certification, procurement, tracking, distribution, and grievance monitoring as part of the draft rules to regulate standards and accessibility of assistive devices for persons with disabilities.

The draft Assistive Technology Rules, 2025 lay down a comprehensive framework covering classification, certification, procurement, affordability, user safety, and integration of assistive technology into existing health and social welfare schemes.

The rules classify assistive technology into three categories of essential (such as wheelchairs, spectacles, hearing aids), specialised (such as screen readers, prosthetics, cochlear implants), and emerging (such as AI-enabled devices, robotics, brain-computer interface systems).

All assistive products will need to conform to standards prescribed by the Bureau of Indian Standards (BIS) or another notified authority before being made available for use.

Certification will be carried out by competent authorities designated by the Centre, with phased implementation depending on device categories. Manufacture, import, storage, and distribution will also have to comply with other applicable laws.

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## Govt's AI Framework Set to Seek Mandatory AI Content Labelling

The Centre's upcoming artificial intelligence (AI) governance framework will push for setting up comprehensive mechanisms to mandatorily label all AI content on the internet, a move aimed at establishing control and sovereignty over it.

The government is studying recent laws in China mandating such labelling, as well as European Union's AI Act, which has put in place unprecedented transparency and labelling requirements. The mandatory labelling of synthetic media will be a key focus of the framework considering the legal and ethical challenges being posed by an increasing volume of AI-generated or altered content. The government will prioritise work on establishing mechanisms and standards to clearly mark AI-based content as such.

The national AI governance framework, being jointly developed by the Ministry of Electronics and Information Technology (MeitY) and the office of the principal scientific advisor, will be released shortly.

It will aim to clearly define the boundaries of AI safety and response mechanisms in cases where AI potentially harms humans, along with ensuring checks and balances are placed on the rapid adoption of AI in the country. Global policies including that of China's are being studied to ascertain how to label content that is modified across different tools, with the modifications being watermarked using different technologies. Issued in March, China's law mandates explicit and implicit labels for AI-generated text, images, audio, video and other virtual content.

The law has impacted social media platforms, making them responsible for ensuring content on their websites is labelled, as well as companies who sell AI-based services. Creators have been asked to voluntarily disclose AI use.

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## India's 6G Push Could Add \$1.2 Trillion (approx. €1.03 trillion) To GDP By 2035

India's adoption and development of 6G technology could add as much as \$1.2 trillion (approx. €1.03 trillion) to the country's GDP by 2035. These value additions with the help of 6G are projected to add a staggering 1.2 trillion dollars (approx. €1.03 trillion) to India's GDP.

India's telecom journey had undergone a significant transformation over the past decade. We were behind the world on 4G, we walked with the world on 5G, but India will lead the world with 6G.

The government's focus was no longer limited to adopting global technologies but in building them domestically. India is no longer a mere consumer of technology. We strive to be the architect.

The impact of 6G would extend far beyond faster communication. 6G will transform every aspect of our lives. It will have massive impacts in agriculture, smart cities, healthcare, disaster management, and so on.

The remarks come as India accelerates its 6G mission, with industry and academia collaborating under the Bharat 6G Alliance to develop indigenous standards and applications.

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## Centre's DLI Tag Helping Semicon Cos Win Over Venture Capital Companies

More than half a dozen [Indian semiconductor startups](#) are in active talks to raise funds with Indian [venture capital firms](#), which are increasing their focus on the sector on the back of a government push to be self-reliant amid geopolitical uncertainty. Investor interest has also increased after many industry veterans entered the semiconductor startup space. In addition to VC firms, the sector has attracted the interest of large corporations such as [Zoho](#).

The startups that are looking to raise funds include beneficiaries of the government's design-linked incentive (DLI) scheme, such as [CalligoTech](#), [3rdiTech](#), [SandLogic](#) and [Terminus Circuits](#). Some other companies that have received government incentives under the scheme, like Netrasemi, FermionIC Design, Incore, Mindgrove Technologies, Morphing Machines, and C2i Semiconductors, have already raised funds.

MOSart and Atomo Innovation are among companies outside the DLI that are holding discussions with investors for pre-seed funding, according to people aware of the matter. Semiconductor startups in India have raised \$90 million (approx. €77.27 million) in the last five years, according to data from Venture Intelligence.

As semiconductor as a segment is gaining significant attention in India, and artificial intelligence that requires powerful chips becoming a key theme, multiple executives from semiconductor majors such as Intel, AMD and Texas Instruments have launched or joined startups that are building [AI semiconductor chips](#).

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## India To Auction Telecom Spectrum In 10 Bands, Debuting Upper 6 GHz

The Telecom Regulatory Authority of India (TRAI) has reportedly begun preparations to sell airwaves across nearly 10 bands in the next spectrum auction, including the upper 6 GHz band, which will go on sale for the first time. With most airwaves drawing limited interest in the previous two auctions, the regulator is exploring ways to make the upcoming round more attractive for potential bidders, which may also include entities that are not licensed telecom operators.

To boost competition and mitigate any oversupply risks, TRAI will engage stakeholders on whether the auction format and design need a rethink.

Further, the regulator has issued a [consultation paper](#) containing 44 questions on pricing and other auction modalities.

As per TRAI, the upcoming auction will cover existing international mobile telecommunications (IMT) bands of 800-megahertz (MHz), 900 MHz, 1800 MHz, 2100 MHz, 2300 MHz, 2500 MHz, 3300 MHz, and 26 GHz. Bands under consideration that are yet to be assigned for IMT in India include 600 MHz, 1427-1518 MHz, 6425-6725 MHz, and 7025-7125 MHz, which would be auctioned for the first time..

Additionally, while shaping the consultation, TRAI will take into account inputs from the Department of Economic Affairs (DEA). Currently, only access service providers are eligible to participate in IMT spectrum auctions.

Another approach under examination is creating an enabling regulatory framework that lowers entry barriers for access service providers, so new entities might obtain access service licences/authorisations and participate in IMT auctions.

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## Government Finalizes Framework for Transfer of M2M SIM Ownership

### Framework Enables Smooth Transition of M2M SIM Ownership without Service Disruption

The Department of Telecommunications (DoT), Ministry of Communications, has issued an Office Memorandum (O.M.) notifying the **Framework for Transfer of M2M SIM Ownership from one M2M Service Provider (M2M SP)/Licensee to another M2M Service Provider (M2M SP)/Licensee**. Currently, there is no provision for change in name of the owner of M2M SIMs under the prevailing guidelines. Therefore, M2M services for the affected end consumers may get disrupted whenever there is a situation which necessitates change of M2MSP.

The new framework establishes a formal procedure for M2M SIM ownership transfer to ensure a smooth, compliant transition without service discontinuity. This is applicable to all M2M Service Providers (M2MSPs)/Licensees.

### Streamlined Process for M2M SIM Ownership Transfer.

The process will include the following key steps:

- 1. Transfer request to be raised by M2M Service User/Third Party:** The user of the M2M service must submit a formal written request to the existing M2M SP/Licensee (the 'transferor'), detailing the M2M SIMs and specifying the intended transferee M2M SP/Licensee.
- 2. No Objection Certificate (NOC) by Transferor (Existing M2MSP/Licensee):** Within **15 days** of receiving the user's request, the transferor must issue a **No Objection Certificate (NOC)** to the concerned Access Service Provider(s), provided there are **no outstanding dues** from the M2M Service user.
- 3. Undertaking by Transferee (New M2MSP/Licensee):** The transferee M2MSP/Licensee must submit a formal **Undertaking/Declaration** to the Access Service Provider mentioning that it accepts all responsibilities, liabilities, and duties, including compliance with **KYC and related guidelines**, for the transferred M2M SIMs.
- 4. Verification, KYC, and Update by Access Service Provider (ASP):** ASP to scrutinise the request of transfer raised by M2M Service user followed by verification of NOC from the transferor and the undertaking from the transferee. Upon successful verification, the ASP(s) must **carry out KYC again** and update subscriber records to reflect the new ownership.

**Importantly, each M2M SIM must at all times remain mapped to an M2M SP/Licensee, and there shall be no discontinuation of M2M service to the user.**

The complete Office Memorandum and formats for the User-Initiated Request, the Transferor's NOC, and the Transferee's Undertaking are available at <https://dot.gov.in/all-circulars?tid=3197>

The introduction of this framework underscores DoT's sustained efforts to safeguard end-user interests while supporting the operational flexibility of service providers, ensuring that India's M2M and IoT services remain reliable and future-ready.

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# Green and Clean Technologies



## Centre Releases Guidelines for Rs 2,000-Crore (approx. €195 million) EV Charging Network

The Ministry of Heavy Industries (MHI) has rolled out the [operational guidelines](#) for the deployment of EV public charging stations (EV PCS) under the Prime Minister Electric Drive Revolution in Innovative Vehicle Enhancement (PM E-Drive) scheme. The government had allocated Rs 2,000 crore (approx. €195 million) for the deployment of about 72,300 public EV charging stations across the country under the PM E-Drive scheme.

According to the guidelines, a tiered subsidy structure will be followed to support the installation of EV charging infrastructure across different locations. Government premises such as offices, residential complexes, hospitals, and educational institutions will receive 100% subsidy on both upstream infrastructure and EV charging equipment (EVSE), provided the chargers offer free public access.

For transport hubs and public sector-controlled locations like railway stations, airports, OMC outlets, bus depots, and toll plazas, the subsidy covers 80% of upstream infrastructure and 70% of EVSE cost. At all other public locations — such as streets, shopping malls, and market complexes — an 80% subsidy is offered on upstream infrastructure only.

Battery swapping and battery charging stations deployed anywhere are also eligible for 80% subsidy on infrastructure.

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## Govt Notifies First Legally Binding Emission Cut Targets For 4 Sectors

The Centre has notified the first legally binding Greenhouse Gas Emission Intensity (GEI) Target Rules, 2025, for four high-emission sectors—aluminium, cement, chlor-alkali, and pulp and paper.

The Rules set targets on greenhouse gas (GHG) emissions per unit of product output—for example, the gases released in the production of a tonne of cement or aluminium. Industries will earn carbon credits in lieu of meeting emissions targets, while those that fail to do so will have to buy credits or pay environmental compensation.

While the Rules were initially proposed through a draft notification in April, the emission targets were notified by the Ministry of Environment, Forest and Climate Change on October 8, 2025.

The Rules will help operationalise the country's domestic carbon market under the Carbon Credit Trading Scheme (CCTS), 2023, which was launched to create a framework to trade carbon credits, facilitate slashing of carbon dioxide (CO<sub>2</sub>) emissions and back India's climate commitments under the Paris Climate Agreement of 2015.

India has committed to reducing the emissions intensity of its gross domestic product (the amount of energy used per unit of GDP) by 45 per cent by 2030 compared to 2005 levels, as part of its domestic commitments under the global agreement.

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# EU/EFTA-India

## ETSI-India Cooperation Bridging Europe and India Through Standardisation



Following the mission on October 2024 by ETSI's Director General, Mr. Jan Ellsberger, an ETSI Delegation visited India to further engage with institutional and private partners and to take part in the [India Mobile Congress 2025](#) in the context of the [InDiCo-Global](#) project.

**ETSI shares EU and India's common ambition** to foster open, secure, and human-centric innovation through strengthened collaboration at policy, research and technical levels.

ETSI's longstanding involvement in India, notably **through the [SESEI](#) since 2013**, has allowed for the development considerable insight and access with a network of trusted institutional and private partners.

Led by ETSI on behalf of the project partners and with a team on ground at ETSI's Liaison Office in New Delhi, SESEI provides direct **insight into Indian standardisation programmes, help reduce technical barriers to trade, promote the adoption of European standards, and support the competitiveness of European businesses in India.**

Through the current InDiCo-Global project, its predecessor InDiCo and the former EU-India ICT standardisation bilateral project, **ETSI has enabled synergies with SESEI** and boosted its impact with events and capacity building activities **strengthening cooperation with Indian stakeholders.**

### Key achievements:

- **Local Presence:** SESEI expert in India; database of 3,000+ contacts, engagement with ministries, administrations, standards stakeholders and industry.
- **Structural Cooperation:** MoUs with [BIF](#), [COAI](#), and agreements with [TSDSI](#) & [BIS](#); study visits for BIS officials in EU/EFTA, etc.
- **Information Flow:** Monthly Newsletters, Sectorial Reports, Thematic Webinars, Presentations on 5G/6G, AI, IoT, Smart Cities, Clean & Green Tech (more than 160 participations to EU-INDIA conferences promoting EU-India cooperation on standardisation since March 2023).
- **Standards Adoption:** Indian SDOs adopting ETSI standards: 3GPP, oneM2M, NFV, IoT, Energy Efficiency, ESI (Digital Signature), Accessibility standards, etc.

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## New Strategic EU-India Agenda: Council Approves Conclusions

The Council approved conclusions on a [new strategic EU-India agenda](#), in which it welcomes the strong impetus in relations between the European Union and India.

The conclusions endorse the Joint Communication on a "[New Strategic EU-India Agenda](#)" by the High Representative and the European Commission, and its objective of deepening EU-India ties, including **prosperity and sustainability, technology and innovation, security and defence, and connectivity and global issues.**

The Council welcomes in particular efforts to conclude a balanced, ambitious, mutually beneficial and economically meaningful free trade agreement, which the European Commission and the Indian government aim to finalise by the end of the year. Such agreement must include enhanced market access, removal of trade barriers, and provisions on sustainable development.

Against the backdrop of an increasingly complex geopolitical outlook, the Council also welcomes **closer collaboration between the EU and India on security and defence matters** based on the principles of mutual trust and respect. The Council takes note of the intention to pursue work towards the establishment of a Security and Defence Partnership, which could also facilitate defence industrial cooperation when appropriate.

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## EFTA-India Trade and Economic Partnership Agreement Enters into Force - Joint Communiqué

The landmark Trade and Economic Partnership Agreement (TEPA) between India and the EFTA States (Iceland, Liechtenstein, Norway and Switzerland) entered into force on 1 October 2025, representing a significant milestone in the trade and economic relations between the parties. India is the fastest-growing large economy and is on course to become the world's third-largest economy. The EFTA States collectively rank among the global leaders in both merchandise and services trade. Together India and the EFTA States represent a combined GDP of about USD 5.4 trillion (approx.€5.02 trillion), providing the scale for deeper integration.

The occasion was marked by a high-level event, the Prosperity Summit, India hosted by Minister of Commerce & Industry of India. EFTA was represented by Helene Budliger Artieda, Swiss State Secretary at the State Secretariat for Economic Affairs; Ragnar Kristjánsson, Director General of External Trade and Economic Affairs at the Icelandic Ministry for Foreign Affairs; Christine Lingg, Deputy Director of the Office for Foreign Affairs of Liechtenstein; May-Elin Stener, Ambassador of Norway to India; and Markus Schlagenhof, Deputy Secretary-General of EFTA. The event also brought together a range of business representatives from all parties, providing an opportunity to establish new ties and strengthen existing partnerships. Business engagement will facilitate co-production in precision manufacturing and clean technologies, as well as scaling services through predictable mobility and recognition of qualifications.

The dignitaries welcomed the shared objectives to mobilise USD 100 billion (approx.€85.9 billion) of investments in India over fifteen years and to support the creation of one million direct jobs, with an investment facilitation mechanism to monitor delivery.

The parties note that trade in goods has increased steadily over time and trade in services has roughly doubled in the last decade. The parties will strive to increase total two-way trade substantially.

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## India, EU Conclude 14th Round of Talks for Free Trade Agreement in Brussels

Senior officials of India and the European Union (EU) concluded its 14th round of talks for a proposed FTA in a five-day talk which began on October 6 to iron out differences on different issues related to goods and services for the early conclusion of the negotiations.

Ministry of Commerce and Industry expressed hope that the two sides will sign the agreement soon. The minister is expected to visit Brussels to meet his EU counterpart Maros Sefcovic to review the progress. Both sides have targeted to conclude negotiations by December.

Besides demanding significant duty cuts in automobiles and medical devices, the EU wants tax reduction in other products like wine, spirits, meat, poultry, and a strong intellectual property regime.

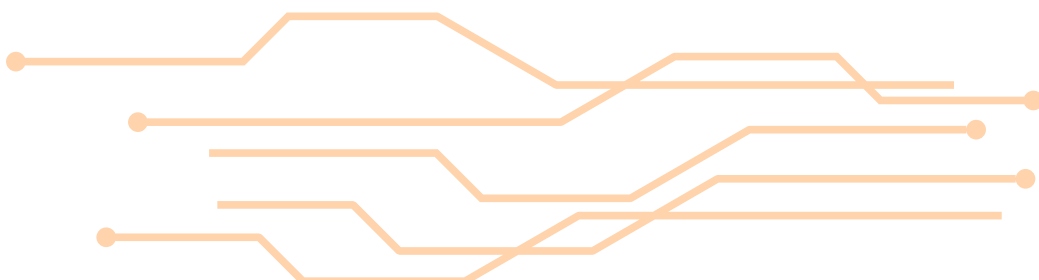
Indian goods' exports to the EU, such as ready-made garments, pharmaceuticals, steel, petroleum products, and electrical machinery, can become more competitive if the pact sails through.

The India-EU trade pact negotiations cover 23 policy areas or chapters, including trade in goods, trade in services, investment, sanitary and phytosanitary measures, technical barriers to trade, trade remedies, rules of origin, customs and trade facilitation, competition, trade defence, government procurement, dispute settlement, intellectual property rights, geographical indications, and sustainable development.

Meanwhile, the **European Parliament's Committee on International Trade (INTA) concluded an intensive three-day visit to New Delhi, India on 30<sup>th</sup> Oct 2025.**

Over the course of the visit, Members of the European Parliament met with Indian Ministers, with discussions focussed on a comprehensive and mutually beneficial EU-India Free Trade Agreement.

The delegation also met with representatives from the Indian Parliament, as well as Indian and European businesses and civil society groups. The main goal of the mission was to increase the mutual understanding amid intensive trade negotiations between the EU and India.

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## Whitepaper/Publication

### REPORT ON – DIGITALISATION IN INDIA

Project SESEI released its Sector Profile Report on “Digitalisation” in September 2025, highlighting India's digital transformation. The report covers government-led infrastructure efforts and initiatives to build a secure, inclusive, and future-ready digital ecosystem. Providing overview of emerging technologies such as 5G/6G, AI, satellite communications, IoT/M2M, blockchain, cybersecurity, and quantum technologies that are driving India's digital growth.

It also outlines policy measures under Atmanirbhar Bharat aimed at boosting domestic manufacturing, reducing import dependency, and developing a competitive tech ecosystem. The report concludes with an overview of major EU-India cooperation initiatives in digital infrastructure, connectivity, standards, innovation, and digital governance.

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## SESEI Key Activities (October 25)

This section offers a brief overview of the various activities undertaken by the SESEI expert during the month of October 2025.

- **Cybersecurity Summit by InDiCo Global during IMC 2025:** InDiCo Global collaborated with the India Mobile Congress (IMC) to organize a dedicated summit on “Cybersecurity – Securing an Evolving Technology Landscape through Standardization.” The Cybersecurity Summit was held on 9th October 2025 as part of India Mobile Congress 2025. The sessions during the summit were designed to:
  - Discuss and share updates on the regulatory, legislative, and standardization work being undertaken in the EU and India.
  - Facilitate a panel discussion featuring experts from both regions to highlight the importance of standards in supporting cybersecurity laws and acts.
  - Identify gaps and areas of concern where India and the EU can collaborate further on strengthening cybersecurity through harmonized standardization efforts.
- **Webinar on How Geopolitics is Influencing Our Semiconductor Industry and Standards Development:** SESEI was invited by STMicroelectronics, France to share India's semiconductor industry and standards development during their webinar. For presentation, please [Click Here>>](#)
- **3rd Team Europe Digital Policy Advisory Round Table:** GIZ-DPD (Digital Policy Dialogue) invited SESEI expert to share about the Project SESEI and its achievements with member states and other EU participants. SESEI expert along with DDG IoT from Department of Telecom also highlighted the story of oneM2M success in India and way forward to make it a success.

- **GISFI workshop on DIGITIZATION: BRIDGING THE PRESENT AND FUTURE:** SESEI expert presented EU & India Partnership: Role of Standards in building Digital Infrastructure. Highlight Project SESEI, role of Standard & its importance, EU-India - latest updates (Policies and standardization), Global standards status for 5G advanced and 6G, AI and Quantum technologies and EU-INDIA Partnership Instruments etc.
- **BIS webinar on Quantum Technologies:** The webinar provided information on India's readiness under the National Quantum Mission, the role of ISO/IEC standards, and emerging domains such as quantum sensing, metrology, enabling technologies, and quantum-safe cryptography.
- **Smart Factories Shaping the Future Together" hosted by EDAG and the Indo-German Chamber of Commerce (IGCC):** brought together industry leaders from Germany and India to explore how digitalization evolves into the Industrial Metaverse, for transforming future of manufacturing.
- **India EFTA (TEPA) Prosperity Summit 2025:** Attended India- EFTA (TEPA) Prosperity Summit as organized by the Ministry of Commerce and Industry to kick start formally India-EFTA Trade and Economic Partnership Agreement (TEPA). Indian side made presentation sharing opportunities in the sector of Green Hydrogen, Wind, Solar, e-Mobility, Heavy Electrical Industry, Dairy, Fisheries, Shrimp, Chocolate, Drugs/Pharma, Food Processing etc.
- **Meetings with Indian Stakeholders:** An ETSI Delegation visited India to engage with institutional and private partners and to take part in the [India Mobile Congress 2025](#) in the context of the [InDiCo-Global](#) project. During ETSI officials visit to India, following meetings took place:
  - **Meeting with EU Delegation DG-CNCT and DG-INTPA:** to discuss ETSI's role in EU-India digital cooperation. ETSI outlined its work as a European and global standards body and its strong presence in India through SESEI and InDiCo Global. The meeting also reviewed progress on adoption of EN standards and oneM2M specifications in India.
  - **Meeting with GIZ officials:** GIZ highlighted progress on cybersecurity standards, eight parts of IEC 62443 have been harmonized with BIS under GPQI, enabling industrial cybersecurity adoption in India. ETSI shared updates on developing sectoral cybersecurity standards to support the EU Cyber Resilience Act by 2027. Under the EU-India Digital Policy Dialogue, GIZ is advancing projects on interoperability of digital identity and e-signatures.
  - **Meeting with TSDSI officials:** Reviewed ongoing collaboration under ETSI-TSDSI Cooperation Agreement. Discussions highlighted challenges in promoting IoT/M2M ecosystem both sides agreed on the need for dedicated oneM2M testing and certification ecosystem and proposed ITU adoption of oneM2M specifications to boost its global recognition. Agreed to increase collaboration in 6G, AI, cybersecurity, and quantum technologies.
  - **Meeting with FEBI Officials:** FEBI is a common policy advocacy platform for EU businesses in India and works through 11 sector committees. Exchange of information and update on market access related issues, IMEC economic corridor, etc. SESEI invited to participate in FEBI's Technology and Digital Services Committee. ETSI presented its global standardization role and contributions to EU digital policy and EU-India cooperation through SESEI and the InDiCo Global project.
  - **Meeting with COAI officials:** Discussion and exchange of information on Telecom security and testing framework, challenges such as limited test labs, high compliance costs and source code access. The meeting also addressed sustainability priorities, including TEC's Energy Consumption Rating (ECR) framework and e-waste regulations. Explore hosting joint seminars and roundtables on circular economy and sustainability standards, Telecom Product Security and V2X standards.
  - **Meeting with B6GA officials:** Introductory meeting held with Director Bharat 6G Alliance (B6GA). Overview of B6GA's mission and its MoU with EU's 6G Smart Networks and Services (SNS) Joint Undertaking. ETSI and B6GA agreed to explore potential synergies and future cooperation in area of 6G standardisation to support global interoperability and innovation.
  - **Ministry of Electronics and IT (Meity) - CCI Department:** Exchange of information and status update on digital trust and secure communications, including mutual recognition of digital signatures, EU-India e-invoicing interoperability framework and quantum-safe cryptography. SESEI highlighted progress on digital signature standards in India, with BIS's SSD10 Technical Committee. ETSI shared its long-standing work in quantum-safe cryptography.

- **Meeting with Broadband India Forum (BIF) officials:** Reviewed ongoing cooperation under their MoU and collaboration through the SESEI Project in India. BIF shared an overview of its structure and recent milestones. Exchange of information on key policy issues of spectrum allocation for 5G private networks and the limited success of TV White Space initiatives due to spectrum congestion in India and low private investment in R&D. ETSI invited to participate in BIF's 10th Annual Satellite Communications event scheduled for 2 December 2025 in New Delhi.
- **Meeting with Telecom Engineering Centre (TEC) officials:** Discussion and update on ongoing collaboration in IoT/M2M standardisation and testing. India is the only country to have adopted oneM2M Releases 2 and 3 as national standards, and TEC has incorporated oneM2M testing parameters into Essential Requirements (ERs) for five IoT product categories, including IoT gateways, smart meters, tracking devices and environmental sensors. Lack of accredited oneM2M testing labs and necessary tools is posing as an impediment for full maturity of the IoT in India. ETSI to provide all possible support to TEC to establish testing infrastructure in India and take up OneM2M release 4 for ITU adoption & publication.
- 2nd Meeting of TEC Working Group for preparation of Technical Report on "Interworking and Integration of 5G/6G with Non-Terrestrial Networks (NTN).
- **Meeting with Meity - CCA Department on Quantum – PQC:** Discussion on EU policy initiatives, standardization activities in the area of quantum technologies, and EU-India partnership instruments/projects related to PQC/Quantum
- **Meeting with Mr. Nicolas Huppenbauer:** To understand the factors that have enabled India's success in international standardization, particularly in telecommunications, AI, and software. Mr. Nicolas Huppenbauer held a meeting with SESEI expert to understand the standardization ecosystem in India.
- **TSDSI Visioning Survey Interaction with ETSI official:** SESEI organized a meeting between TSDSI and ETSI officials for exchange on 6G standardization activities on global level in preparation of TSDSI document New Vision (2026 & beyond) and Strategy for technology and policy developments in the country.



## Key Reports Published by SESEI

- [Indian Standardizations Landscape Report \(March 2025\)](#) & Its [Presentation](#)
- [Report on Sector Profile Report on "Digitalisation" – September 2025 : India](#) & its [Presentation](#)
- [Bureau of Indian Standards- BIS Catalogue \(July 2025\) & Its Presentation](#)
- [Market Access Report \(October 2025\)](#)



## List of Draft/Published Standards

### Bureau of Indian Standards(BIS):

- For the list of draft standards under wide circulation at BIS, please [click here>>](#)

### Telecommunication Engineering Centre (TEC):

- For the [list of Standards/specifications and Essential Requirements](#) developed by TEC, please [click here>>](#)

### Telecommunications Standards Development Society, India (TSDSI):

- List of [Work Items \(WI\)](#), [Study work items contributions](#) and [New Item Proposals](#) is [available here>>](#)



## Upcoming Events

### The Digital Heist Summit 2025

**When: 06 November 2025**

**Where: Delhi, India**

The Digital Heist Summit is a premier event series focused on Data Protection and Cyber Resilience in the age of AI, aimed at tackling the persistent challenges posed by ransomware and other cyber threats. Organized by StrategINK Solutions Pvt Ltd, this summit brings together cybersecurity experts, industry leaders, and IT professionals in Delhi, India, to explore cutting-edge strategies and technologies for building robust defenses and effective recovery plans against ransomware attacks. Attendees will have the opportunity to engage with visionary keynote speakers, including CIOs and CISOs, who will share their insights on safeguarding organizations in the evolving landscape of digital threats.

[More Information](#) >

### India's 6g Vision & Future Networks Summit 2025

**When: 07 November 2025**

**Where: Holiday Inn, New Delhi, India**

The 'India's 6G Vision & Future Networks Summit' is set to take place on 7th November 2025 at Hotel Holiday Inn, New Delhi. This summit promises to be a pivotal gathering for industry leaders, technology innovators, and policymakers as they explore the future of telecommunications in India and beyond.

[More Information](#) >

### India and Sustainability Standards 2025

**When: 12-14 November 2025**

**Where: Bharat Mandapam, New Delhi, India**

The event titled 'India and Sustainability Standards' will take place at Bharat Mandapam in New Delhi, India. The overarching theme for this year, 'Enhancing Competitiveness and Positive Impacts through Responsible Business,' encapsulates a strategic agenda that is increasingly relevant in today's business landscape.

[More Information](#) >



## Upcoming Events

### International Conference on Intelligent Systems for Cybersecurity 2025 (ISCS)

**When: 14 - 15 Nov 2025**

**Where: Gurgaon, India**

The International Conference on Intelligent Systems for Cybersecurity (ISCS2025) is dedicated to advancing knowledge and innovation at the intersection of cybersecurity and cutting-edge technologies. The conference's mission is to provide a platform for experts and practitioners from diverse domains to collaborate and address the evolving challenges in cybersecurity. It aims to foster interdisciplinary dialogue and pioneer solutions to fortify cybersecurity defenses, thereby preparing attendees for the future of cybersecurity in our interconnected world. ISCS2025 is organized in response to the growing need for effective cybersecurity solutions amid increasingly sophisticated cyber threats.

[More Information](#) >

### International Conference on Cyber Law, Cyber Crime & Cybersecurity 2025 (ICCC)

**When: 19-21 November 2025**

**Where: New Delhi, India**

The International Conference on Cyber Law, Cyber Crime & Cybersecurity is set to take place in the vibrant city of New Delhi, India. Organized by Cyberlaws.Net, this conference aims to address the pressing issues surrounding cyber law and its implications in the modern digital landscape. Given the rapid evolution of technology, the conference will serve as a platform for legal experts, practitioners, and stakeholders to discuss the challenges and opportunities within the realms of cyber law, cyber crime, and cybersecurity.

[More Information](#) >

### Bharat Sustainability Expo 2025

**When: 04-06 December 2025**

**Where: INDIA EXPO CENTRE & MART, Greater Noida, India**

The Bharat Sustainability Expo is a prominent tradeshow dedicated to showcasing advancements and innovations in sustainability. Organized by India Exposition Mart Ltd., this event will take place at the India Expo Centre & Mart in Greater Noida, India. The expo focuses on critical themes related to Environment & Waste, as well as Power & Energy, making it a vital platform for industry leaders, innovators, and stakeholders eager to explore sustainable solutions.

[More Information](#) >

## ABOUT PROJECT

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/>) 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.cenelec.eu>, as well as by the European Commission ([www.ec.europa.eu](http://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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