SESEI Newsletters

SECONDED EUROPEAN STANDARDIZATION EXPERT IN INDIA

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

Dear Readers,

We are pleased to present the **"July 2026 edition"** of the **"SESEI Newsletter – Europe"**, highlighting latest developments and the growing momentum in India–EU cooperation on Standards, Digital Technologies, Semiconductors, Cybersecurity, Sustainability, and Clean Energy.

We are pleased to announce that the **5th Indo-European Conference on Standards & Emerging Technologies**, organised by SESEI Project on behalf of its Project Partners will be held on **15–16 February 2027** in New Delhi. Reflecting the continued emphasis on strengthening EU–India dialogue on emerging technologies and standards, the conference will focus on Artificial Intelligence including Cybersecurity, Digital Product Passports (DPP), Digital Identity/Wallet, Digital Signatures and e-Invoicing. Calls for proposals have also been launched for Conference Organiser Agency and preparing Study Reports on "Digital Product Passports" and Digital Signatures including e-Invoicing. Conference page on SESEI website will be updated with its progress accordingly.

India under its BRICS Chairmanship this year, hosted two-days meeting of the Heads of **BRICS member's National Standards Bodies (NSBs).** The key outcome was consensus on a new **"MoU"** to strengthen cooperation in standardization, enhance consumer protection, and improve collaboration in international standardization through ISO and IEC.

India's growing role in global telecom standardization was highlighted during the **TSDSI Tech Deep Dive (TTDD) 2026 Conference.** During the conference, Govt. of India through its Department of Telecom signed a strategic MoU with TSDSI to financially support active and regular participation in global standards organizations such as 3GPP, ITU and oneM2M, financial support to Startup's and MSME membership of TSDSI etc. ETSI through its Director General participated in the conference and emphasized value of globally harmonized standards for trustworthy, interoperable, resilient, and sustainable 6G and AI ecosystem.

India's Digital ecosystem also witnessed significant policy developments. India has proposed the phased introduction of Vehicle-to-Vehicle communication systems, with mandatory deployment in new vehicles from October 2028 under the AIS-230 standard. The Government is considering a broader **cybersecurity certification framework for IoT devices** to improve cyber resilience. Simultaneously, the Government approved major initiatives to strengthen domestic electronics manufacturing, including **launch of Semicon 2.0** for further expansion of semiconductor manufacturing facilities in India.

In the area of Green & Clean technologies, India advanced its sustainability agenda through the launch of its first indigenous hydrogen-powered train, demonstrating the country's commitment to clean mobility. Additional initiatives include global bids for **10 GWh Advanced Chemistry Cell (ACC) battery manufacturing facilities** under the PLI scheme and the introduction of a standardized "Electrolyser as a Service" agreement under the National Green Hydrogen Mission to accelerate industrial adoption of green hydrogen technologies.

EU–India cooperation also gained further momentum through the **3rd EU–India Trade and Technology Council (TTC)** meeting in Brussels. Both sides agreed to deepen collaboration on semiconductors, AI, quantum, 6G, electric vehicle charging, startups, and resilient value chains. Building on the elevation of India–Finland relations to a Strategic Partnership in Digitalisation and Sustainability, Union Minister of Commerce and Industry along with senior business leaders and government officials also witnessed the signing of 2 institutional MoUs.

Details of the important SESEI activities during the month of July 2026 and list of upcoming events and conferences to be held in India are included as part of this newsletter.

Happy Reading!!

Best regards,
Dinesh Chand Sharma

IN THIS ISSUE

Generic/Standards

5th Indo-European Conference on Standards & Emerging Technologies: 15th and 16th February 2027

The "EU-India Conference on Standards & Emerging Technology" is a platform established by the the SESEI Project. The 5th edition of the Indo-European Conference will continue to serve as a platform for dialogue among policymakers, industry, and technical experts on priority areas, aiming to strengthen synergies on issues of mutual importance, identifying new areas and scope for collaboration and bridge gaps to ensure advancement through dialogue, discussion and sharing of best practices. The conference will be a two-day high-level event bringing together stakeholders from India and Europe.

- **Conference Name:** 5th Indo-European Conference on Standards & Emerging Technology
- **Date:** 15th February 2027 and 16th February 2027
- **Venue:** India Habitat Centre, Lodhi Road, New Delhi

Conference Topics

- **Day 1: "Artificial Intelligence including Cyber Security".**
- **Day 2: "Digital Product Passport (Batteries)", "Digital Identity, Digital Signatures incl. e-Invoicing"**

Call for Proposals

We are inviting proposals for the **organisation of the conference** and the **preparation of Study Reports on "Digital Product Passport (Batteries)" and "Digital Signatures, Trust Services & e-Invoicing".** Interested organisations and experts may find the detailed Calls for Proposals on our website and submit their **Expression of Interest** in accordance with the requirements and timelines provided.

- Call for Proposal for Organizing 2-day Conference (15th & 16th February 2027)
- Call for Proposal for - Commissioning of Study Report on "Digital Product Passport"
- Call for Proposal for - Commissioning of Study Report on "Digital Signatures, Trust Services & e-Invoicing"

Read More

India's BRICS Chairship: Two-Day Standards Bodies Meet Kicks in Bengaluru

Reaffirming its commitment to fostering global economic and technical collaboration, India inaugurated the two-day meeting of the Heads of the National Standards Bodies (NSBs) under its BRICS Chairship in Bengaluru. The high-level gathering marks a significant step forward in harmonizing quality infrastructure across emerging markets, culminating in a consensus on a new Memorandum of Understanding (MoU) for cooperation in standardization.

A major breakthrough was the common understanding reached on the draft MoU on Cooperation in the Field of Standardization among the BRICS National Standards Bodies. Representatives recognized the agreement as a crucial milestone that will reinforce quality infrastructure, enhance consumer protection, reduce technical barriers to trade, and strengthen the bloc's collective engagement with international organizations such as the ISO and IEC.

Affirming their collective commitment for collaboration in the field of Standardization; the NSBs of majority of the BRICS member countries signed the MoU during the meeting with the remaining NSBs reaffirming their commitment to sign at the earliest upon completion of the requisite national-level approval processes.

BRICS now brings together the world's leading emerging markets and developing countries, representing approximately 49.5% of the global population, 40% of global GDP, and 26% of global trade. The harmonization of standards across this bloc promises transformative economic benefits on a global scale.

The Bureau of Indian Standards remains steadfast in its commitment to advancing international partnerships and reinforcing India's leadership in the global standardization ecosystem through robust, collaborative initiatives under the BRICS framework.

Read More

Digitization

Vehicle-to-Vehicle Communication Systems

The Ministry of Road Transport and Highways has issued a draft notification proposing amendments to the Central Motor Vehicles Rules, 1989, for the phased implementation of **Vehicle-to-Vehicle communication systems** in motor vehicles. The **5.875 GHz to 5.925 GHz** frequency band has been considered for V2V and other Intelligent Transportation System applications. The Department of Telecommunications, through **G.S.R. 466(E) dated 10 June 2026**, has exempted the use of this frequency band from licensing requirements.

V2V communication enables nearby vehicles to exchange real-time information, including their speed, position, direction, acceleration, etc. This information can provide advance warnings to drivers or vehicle systems in safety-critical situations, including sudden braking, forward-collision risk, unsafe lane changes and the approach of emergency vehicles.

Unlike conventional vehicle-safety systems, which primarily depend on onboard sensors and driver reaction, V2V communication can provide information beyond the direct line of sight. It is therefore expected to complement Advanced Driver Assistance Systems (ADAS) and support proactive accident prevention, connected mobility and future intelligent transport applications.

Under the draft notification, the following timeline is proposed:

- Vehicles of categories **L, M and N**, manufactured on or after **1 October 2027,** will be required to comply with **AIS-230** where they are fitted with V2V communication systems.
- Vehicles of categories **L, M and N,** manufactured on or after **1 October 2028**, will be required to be fitted with V2V communication systems conforming to AIS-230.

The phased approach will provide vehicle manufacturers and other stakeholders adequate time to prepare for the implementation of the new requirements.

AIS-230 has been developed with enabling features to specify the minimum technical, functional, performance, environmental and security requirements for V2V communication systems installed in vehicles operating on Indian roads. The standard covers factory-installed On-Board Units using **Cellular Vehicle-to-Everything (C-V2X)** technology in the **5.875 GHz to 5.925 GHz** frequency band.

Read More

Five Semiconductor Plants Expected to Start Production in India by End of 2026

India has entered a new era in the semiconductor sector, as the CG SEMI (OSAT) facility in Sanand, Gujarat commenced commercial production.

3rd Semiconductor Plant in Commercial Production: Earlier launched the country's first and second semiconductor plants on 28 February and 31 March 2026 respectively, and that with this third plant now in commercial production, global confidence in India's semiconductor capability and reliability has strengthened further.

Of the 12 semiconductor projects approved, three are now in commercial production, with two more set to be inaugurated in the coming months. By the end of 2026, five semiconductor plants are expected to be operational across the country.

Read More

Cabinet Approves Semicon 2.0 - Govt. Delivers on Its Commitment for a Long-Term Policy Support to Semiconductors in India

Government of India has approved the Semicon 2.0 for the development of India's semiconductor design and manufacturing ecosystem, with a total budget outlay of Rs.1,27,500 crore (approx. €11.6 billion). Semicon 2.0 is aimed to holistically build the semiconductor ecosystem on the following six pillars:

- **Design:** to develop IPs, designs of chips and systems with this approach.
- **Machines and materials:** incentivize manufacturing and R&D of the machines and manufacturing of materials, chemicals and gases.
- **Setting up more fabs:** set up fabs to manufacture chips.
- **Further strengthening the ATMP/OSAT industry:** focus on getting some of the most advanced ATMP technologies to India.
- **Research & Development:** developing advanced nodes and other advanced technologies with leading R&D centres within and outside India.
- **Talent development:** deepen the level of training and capacity Building

Read More

9th TSDSI Tech Deep Dive (TTDD) 2026 Conference

The 9th edition of the TSDSI Tech Deep Dive (TTDD) 2026 was held from 7–10 July 2026 under the **theme "Shaping the next decade of telecommunications: 6G standards, systems and cross-sector synergies."**

The conference also brought together leading experts and stakeholders from government, industry, academia, research institutions, and global standards bodies to engage in in-depth technical discussions on emerging telecommunications technologies & standards. TTDD 2026 once again served as a collaborative platform for advancing dialogue on strengthening India's leadership and contributions to the global telecom standards ecosystem. During the conference, MoU was signed and Minister released TSDSI technical standards. Detailed highlights of the conference are provided below;

Minister of Communications (MoC) Released Latest Standard Developed by TSDSI: The Technical Standard titled "Architecture and Exchange-Semantics for Application-Layer Controlled Dynamic QoS provisioning in Telerobotics & Similar Remote Operation Systems in a Multiuser Environment", enables dynamic sequencing of multi-user operations to ensure QoS in real-time environment for semi-autonomous telerobotic applications. It supports centralized cloud coordination with selective low-latency peer-to-peer communication, enabling seamless multi-user collaboration. Standardized APIs, information solution development and interoperability. The standard can be viewed on TSDSI website at link here.

Following technical study reports were also released:

- **Technical Report on SDN-Based Optical Network for QKD:** Secure and Adaptive Architecture, which addresses challenges of deploying QKD over conventional optical infrastructure by introducing SDN controller with dynamically managing quantum and classical communication channels and directions for optimal transmission path. link here.
- **Technical Report on AI supported use Cases in Agriculture Domain** – Plant Leaf Disease Identification, which leverages computer vision, deep learning models, and advanced image acquisition techniques such as drones & mobile devices and enabled by emerging network technologies with future pointers to create new data sets in agriculture sector scaleup. link here. Read More

TSDSI and DoT Sign Strategic MoU under TDIP Scheme to Enhance India's Participation in Global Telecom Standards Development: The MoU, signed under the Technology Development and Investment Promotion (TDIP) Scheme, provides for financial support from DoT for the FY 2026-27 towards global SDOs membership fee for TSDSI, support to startups and -MSMEs towards TSDSI and 3GPP membership fee, support through TSDSI to startups and MSMEs for participation in international standards meetings especially for 3GPP meetings and hosting of global SDO meetings (3GPP, oneM2M) by TSDSI in India. The MoU aims to promote a robust domestic telecom standards ecosystem through the following initiatives:

- Financial support for participation in Global Standards Development Organizations, including 3GPP, ITU and oneM2M, enabling greater Indian representation in international standardization activities.
- Financial assistance for TSDSI Membership Fee:
  - ✓ Up to 98% financial support for eligible DPIIT-recognized Startups and MSMEs with annual turnover up to ₹10 crore (Approx. €0.91M).
  - ✓ Up to 80% financial support for eligible MSMEs with annual turnover above ₹10 crore (Approx. €0.91M) and up to ₹500 crore (€45.45M).
- Support for 3GPP Individual Membership Fees, enabling Indian innovators to contribute to global 5G Advanced and 6G standards.
- Travel assistance for startups and MSMEs to participate in international standards meetings, with financial support thereby encouraging the submission of Indian Technical Contributions (TDocs) in global standards bodies.
- Support for hosting international standards meetings in India, including 3GPP and oneM2M meetings.
- Financial support for TSDSI's membership in key global standards organizations such as ITU and oneM2M, ensuring sustained engagement in international standardization. Read more>>

ETSI Participation: ETSI actively participated in TTDD 2026, demonstrating its leadership in global telecommunications standardization. ETSI Director-General **Jan Ellsberger,** in the "**Partner's Perspective on the Conference Theme", highlighted** the need for greater engagement and collaboration between the Standard Development Organisations for ensuring that;

- 6G is intelligent, resilient, interoperable, & sustainable, while keeping reliable connectivity at the heart of telecom.
- AI requires robust, globally harmonized standards for trust, security, transparency, interoperability, and governance, while the standards ecosystem itself must evolve through more agile, collaborative, and continuously validated processes.
- AI shall be leveraged to improve efficiency, knowledge management, & standards development.

Read More

MEITY Releases 2nd Edition of the Digital Threat Report 2025-26 for India's BFSI Sector in Collaboration With SISA

The Ministry of Electronics and Information Technology (MeitY), along with the Indian Computer Emergency Response Team (CERT-In), the Computer Security Incident Response Team in Finance (CSIRT-Fin) and SISA, released the second edition of the **Digital Threat Report 2025–26** for the Banking, Financial Services and Insurance and payments ecosystem. The report provides financial institutions, regulators & cybersecurity leaders with an executive assessment of the threats reshaping banking, financial services, insurance & digital payments.

As cyber threats become increasingly sophisticated, trusted partnerships between public institutions and industry are essential to strengthening digital trust. The Digital Threat Report represents a meaningful collaboration among CERT-In, CSIRT-Fin and SISA. This partnership demonstrates how expertise developed in India can contribute both to our national cyber resilience and to advancing cybersecurity knowledge globally. The report draws on extensive digital forensics and incident response (DFIR) research, analysis aligned with CERT-In and CSIRT-Fin observations, and research into adversarial AI.

Read More

Cabinet Approves Mobile Phone Manufacturing Scheme (MPMS)

To further scale up the production, deepen domestic value addition, strengthen supply chain resilience, enhance global competitiveness, the Govt. has launched the Mobile Phone Manufacturing Scheme (MPMS) with a budgetary outlay of Rs 62,500 crore (approx. €5.7B).

- aimed at building Indian brands to achieve technological sovereignty, capture large economic value and create Indian patents in design and R&D.
- scheme tenure shall be 5 Years i.e. from FY 2026-27 to FY 2030-31.
- scheme provides incentive support on eligible sales for manufacturing of mobile in India at differentiated rates ranging from 2.25% to 5%. Scheme also provides additional incentive of up to 1.5% linked to domestic sourcing of key components/ sub-assemblies. For building Indian brands, an additional incentive @3% on Eligible Sales for design and R&D of the product.

During the scheme tenure, the cumulative mobile phone production in the country is expected to reach approximately Rs 39,00,000 crore (approx. €345 billion) with significant increase in exports of mobile phones. The Scheme is also expected to generate around 60K direct jobs thereby contributing to economic growth, employment generation and strengthening India's position in global electronics manufacturing hub.

Read More

Government Weighs Cybersecurity Framework for IoT Devices

Government is considering extending its cybersecurity push beyond CCTV cameras by introducing a similar regulatory framework for a wider range of internet of things (IoT) devices, including smart meters, amid concerns that these devices remain vulnerable as they are imported, mainly from China.

While no final decision has been taken, discussions at the official level are underway on measures that could require connected devices to meet stricter security and certification standards before they can be sold in India. The move is aimed at reducing cyber vulnerabilities in internet-connected products and should not be seen as a proposal to ban any category of devices.

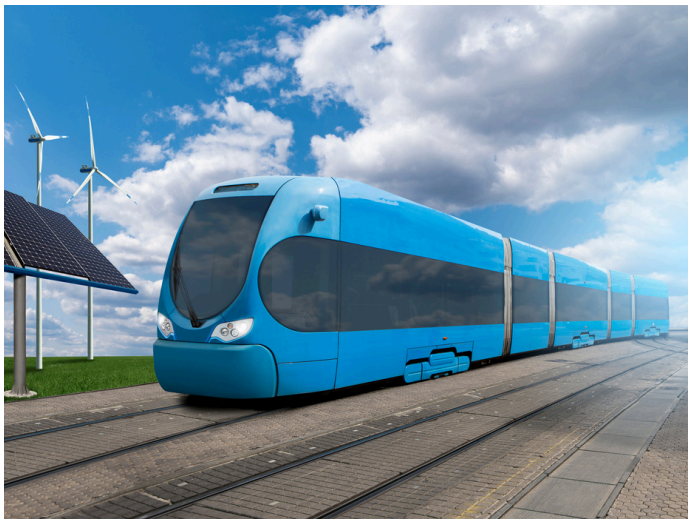
The deliberations follow govt's decision to mandate security certification for internet-enabled CCTV cameras under the Standardisation Testing and Quality Certification (STQC) framework. Since April 1, manufacturers whose products do not comply with the prescribed essential security requirements have been barred from selling connected CCTV cameras in India.

The same concerns increasingly apply across the wider Iot ecosystem, which spans smart meters, home automation products, connected appliances, industrial sensors, wearable devices, healthcare equipment and other internet-enabled products. As these devices grow across homes, factories, offices and critical infrastructure, they also create much larger attack points for hackers if security standards are weak or inconsistent.

Read More

Green and Clean Technologies

India's First Hydrogen-Powered Train: Advancing Green Rail Mobility



Indian Railways is entering a new era of clean and sustainable transportation. **Hydrogen fuel cell technology** has emerged globally as a promising alternative to fossil fuel-based traction systems. India's first indigenous hydrogen-powered train marks an important step in adopting this next-generation technology. It is a locomotive that generates its own electricity onboard using hydrogen.

The project combines advanced propulsion technology with dedicated hydrogen storage, refuelling and operational infrastructure. It will demonstrate the feasibility of clean rail transportation in India. Developed as a pilot initiative, the project reflects Indian Railways' commitment to innovation. It also advances energy efficiency & environmentally responsible transportation.

The hydrogen train project has been developed in accordance with design approval and technical specifications prepared by the **Research, Design & Standards Organisation (RDSO)**. Designed and developed entirely in India, the project demonstrates the vision of **Atmanirbhar Bharat. Key Features of the Hydrogen Powered Train**

- **10-car** hydrogen fuel cell-based trainset.
- Powered by a **1200 kW** hydrogen fuel cell propulsion system.
- Approved to operate at a maximum speed of **75 kmph** with a design speed of **110 kmph**.
- Capacity of Around **2,600** Passengers.
- Developed from the **design stage** through **prototype manufacturing.**

Read More

MHI Invites Global Bids to Establish 10 GWh Giga-Scale ACC Manufacturing Facilities Under PLI ACC Scheme

The Ministry of Heavy Industries (MHI) has released the Request for Proposal (RFP) for inviting bids through a Global Tender for the selection of beneficiaries to establish giga-scale Advanced Chemistry Cell (ACC) manufacturing facilities with a cumulative capacity of 10 GWh in India. The capacity is earmarked for Grid-Scale Stationary Storage (GSSS) applications under the Production Linked Incentive (PLI) Scheme for ACC Battery Storage.

The bidding process will be conducted online through a transparent two-stage Quality and Cost Based Selection (QCBS) mechanism on the Central Public Procurement (CPP) Portal. The tender documents are available from 15 July 2026. Pre-bid conference shall be held on 29 July 2026 and the last date for submission of bids is 13 October 2026. Technical bids shall be opened on 14 October 2026.

The Scheme aims to reduce India's dependence on imported ACCs by strengthening domestic manufacturing capabilities and incentivising large domestic and international players to establish a globally competitive ACC battery-manufacturing ecosystem in the country. Under the PLI ACC Scheme, out of the targeted ACC capacity of 50 GWh, 40 GWh capacity has been awarded to domestic manufacturers. The 10 GWh Capacity earmarked for Grid Scale Stationary Storage application will support the country's growing energy storage requirements arising from rapid renewable energy deployment, strengthening energy security, reducing import dependence, and developing a globally competitive battery manufacturing ecosystem.

Read More

MNRE Unveils Model EAAS Agreement to Accelerate Green Hydrogen Adoption in India

The Ministry of New and Renewable Energy (MNRE) has introduced a Model Service Agreement for "Electrolyser as a Service" (EAAS) under the National Green Hydrogen Mission (NGHM), marking another important step toward accelerating the adoption of green hydrogen across the country's industrial sector. The model agreement, published on July 23, 2026, is designed to provide a standardized contractual framework that supports the development of green hydrogen projects while reducing financial and operational barriers for industrial consumers.

The EAAS model follows a Build-Own-Operate (BOO) approach, allowing technology developers to establish, finance, own, and operate electrolytic hydrogen generation plants at the premises of industrial consumers. Instead of investing significant capital in building hydrogen production facilities, industrial users can purchase the hydrogen and oxygen generated by these plants while leaving ownership and operational responsibilities with the service provider. This approach is expected to reduce upfront investment requirements and encourage wider adoption of green hydrogen technologies.

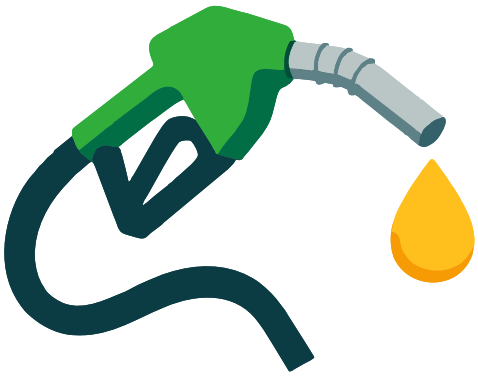
According to the Ministry, the standardized agreement is intended to simplify contract negotiations, lower transaction costs, and improve the ease of doing business for both project developers and industrial off-takers. By providing a common contractual framework, the government aims to create greater confidence among investors and accelerate the commercialization of green hydrogen infrastructure in India.

The model agreement sets out detailed operational responsibilities, risk allocation mechanisms, and commercial terms for both parties. It proposes a fixed operational period of 15 years, beginning after the successful completion of a Performance Guarantee Test. During this period, the technology developer retains full ownership and operational control of the electrolyser plant while supplying hydrogen to the industrial consumer.

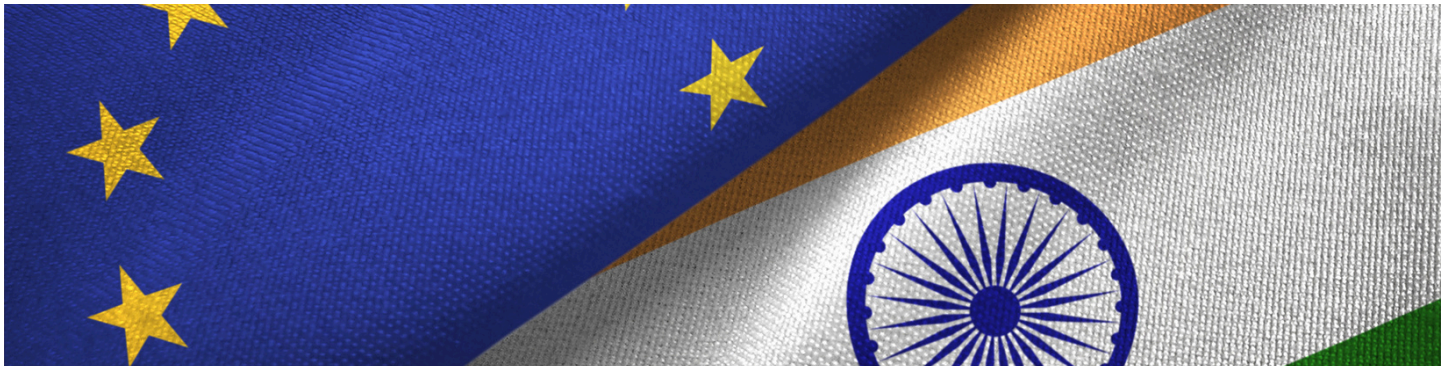
Read More

Notifications:

- Administrative Approval for Continuation of Renewable Energy Research and Technology Development Programme (RE-RTD) for The Period of 16th Finance Cycle (FC) (2026–27 to 2030–31).
- Draft Corporate Average Fuel Economy 2027 Norms (CAFE – III) for Stakeholder Consultation



EU/EFTA-India



EU and India Strengthen Strategic Partnership with Third Trade and Technology Council (TTC)

The European Union and India held the third meeting of their Trade and Technology Council (TTC) in Brussels, reaffirming the TTC as a central platform for cooperation on trade, technology and security.

Underlining the growing ambition of the EU-India strategic partnership, both sides agreed to focus on strengthening strategic value chains and deepening business engagement. The partners committed to finalising the upgrade of the TTC by the end of the year, as foreseen in the Joint EU-India Comprehensive Strategic Agenda adopted at the 16th EU-India Summit in January this year. Concretely, the EU and India agreed to:

- Start formal negotiations on India's association to Horizon Europe, with the aim of concluding before end 2026;
- Establish the first EU-India Innovation Hub on electric vehicle charging technologies and testing;
- Launch an EU-India Startup Partnership focused on deep tech clean technologies;
- Step up cooperation on semiconductors, high-performance computing, quantum technologies, artificial intelligence and 6G;
- Strengthen work on resilient value chains in agri-food, active pharmaceutical ingredients and clean energy technologies.

Read the full press release and the Joint statement on the third meeting of the EU-India Trade and Technology Council. Read more>>

Union Minister of Commerce & Industry undertook series of industry-focused engagements in Brussels on 14–15 July 2026 on the sidelines of the India–EU Trade and Technology Council (TTC) Meeting. His engagements in Brussels underscored India's emphasis on industry-led growth and highlighted the critical role of business and industry in advancing India–EU economic cooperation. Held on the sidelines of the India–EU TTC Ministerial, these interactions reaffirmed the Government's commitment to strengthening industrial partnerships, promoting innovation, facilitating greater market access and creating new opportunities for Indian enterprises in Europe.

Read More

India, EU Advance Cooperation on Sustainable Ship Recycling; Three Indian Yards Ready for EU Recognition

India and the European Union have reaffirmed their commitment to strengthening cooperation in sustainable ship recycling, with both sides expressing confidence over the progress made in facilitating the inclusion of Indian ship recycling facilities under the European Union Ship Recycling Regulation (EUSRR).

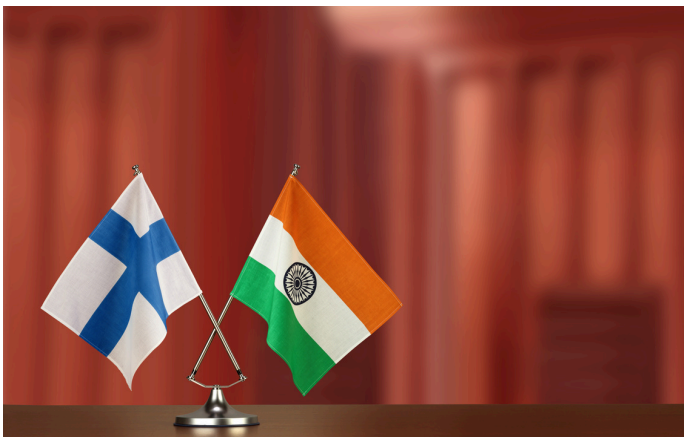
During discussions between **Union Minister for Ports, Shipping & Waterways** and **European Commissioner for Environment, Water Resilience and a Competitive Circular Economy**, the two sides reviewed the ongoing audit and compliance process for Indian ship recycling yards seeking recognition under the EU regulatory framework.

More than 30 Indian ship recycling yards have applied for EU recognition, with six yards currently undergoing the compliance and approval process. Three ship recycling facilities have successfully completed all required compliance procedures and are now eligible to apply for inclusion under the EU Ship Recycling Regulation framework.

India has emerged as the world's leading ship recycling nation and is steadily strengthening its position as a global hub for safe, environmentally sustainable and responsible ship recycling. According to the latest UN Conference on Trade & Development (UNCTAD) estimates, India's share in worldwide ship recycling increased from 30.1% in 2024 to 35.4% in 2025. The country recycled 2.99 million gross tons (GT) of ships during 2025, registering nearly 60% growth over 1.86 million GT recycled in 2024.

Read More

Two MoUs Signed to Deepen India–Finland Industry Cooperation



Union Minister of Commerce and Industry commenced his official visit to Finland by leading a high-level Indian delegation comprising senior business leaders and government officials to strengthen bilateral trade, investment and industry cooperation. The visit witnessed the signing of two institutional Memoranda of Understanding (MoUs), ministerial-level discussions, and extensive engagements between Indian and Finnish industry across key sectors.

The visit builds on the elevation of India–Finland relations to a Strategic Partnership in Digitalisation and Sustainability during the State Visit of President Alexander Stubb to India in March 2026 and follows the conclusion of the India–European Union Free Trade Agreement on 27 January 2026.

The discussions focused on strengthening cooperation in financial markets, innovation, enterprise financing, and expanding bilateral trade and investment.

Read More

SESEI Key Activities (July 26)

Events: SESEI as Speaker

- **TEC National Workshop on oneM2M:** TEC organised a national workshop on oneM2M standards, testing, certification, and global deployments. ETSI's expert presented the oneM2M conformance and interoperability testing framework, while the SESEI expert moderated a panel discussion on industry experiences and strategies to accelerate oneM2M adoption in India.

Events: SESEI as Delegate

- **ETSI Webinar: ISAC System and RAN Architectural Considerations** – SESEI expert attended webinar on 3GPP and ETSI ISAC architecture, 6G standardization, and future RAN developments.
- **IRF-IC Webinar on AI & IoT in Traffic Safety –** SESEI expert attended webinar on AI & IoT in V2X-enabled technologies for intelligent transport and road safety.
- **TSDSI TTDD 2026 Conference –** Participated in discussions on 6G, AI-native networks, interoperability, and global standardization priorities.
- **Indo-German Critical Minerals Webinar –** SESEI expert attended discussions on resilient critical mineral supply chains, battery recycling, and green mobility cooperation.
- **IFCCI Webinar on Data Protection –** Gained insights into implementation of India's Digital Personal Data Protection Act (DPDPA) and compliance requirements.
- **INPACE Webinar on Renewable Energy Transition –** Explored AI and digital technologies supporting renewable energy integration and smart grid innovation.
- **BIS "Standards for Excellence" Webinar –** SESEI expert attended sessions on BIS standardization, certification, conformity assessment, and quality infrastructure.
- **TEC Workshop: 3GPP & ITU Standardization Update –** Attended workshop on 5G-Advanced, 6G, IMT-2030, WRC-27, AI-native networks, and emerging telecommunications standards.
- **Net Zero - Shaping in Indian Corporates** Focus on net-zero strategies for hard-to-abate industries, highlighting decarbonisation technologies, carbon markets, and policy drivers such as CBAM, BRSR, and CCTS. Webinar provided insights into emerging corporate climate strategies.
- **3rd India Space Policy Conference:** Discussions covered satellite spectrum reforms, space policy implementation, and the role of satellite communications in expanding digital connectivity.
- **BIS Seminar on "Cybersecurity & Privacy: Empowering Consumers through Standards":** International standards supporting cybersecurity, privacy, and AI governance, with emphasis on ISO/IEC 27701, Zero Trust Architecture, privacy-by-design, and Privacy Enhancing Technologies to strengthen data protection and consumer trust.

Meetings

- **TRAI Open House Discussion on V2X Regulatory Framework:** TRAI organised an Open House Discussion on its consultation paper on the regulatory framework for Vehicle-to-Everything (V2X) communication. Stakeholders broadly supported adopting the ETSI ITS protocol stack and security standards for higher-layer interoperability. SESEI expert participated in the discussion and contributed to the consultation process.
- **Organized meeting between Director for Strategy and Impact, Joint Research Centre (JRC), European Commission, and the Bureau of Indian Standards (BIS) officials:** to discuss EV charging pre-normative standardisation under the EU–India TTC Working Group on Green and Clean Energy Technologies. Discussions focused on strengthening EU–India cooperation on interoperable, secure, and sustainable EV future charging standards.

SESEI Key Activities (July 26)

Meetings

- **Meeting with NXP Semiconductors –** Discussed the status of ADAS and V2X standardization in India, including TRAI, TEC, and BIS activities.
- **Meeting with TRAI Officials –** With ETSI support provided technical inputs on the ITS stack, interoperability, security, and European C-ITS deployment experience.
- **2nd CII Delhi Panel on Technology Meeting –** The panel reviewed technology initiatives, established task forces, and planned activities on AI, cybersecurity, semiconductors, and digital infrastructure.
- **2nd FEBI Sectoral Committee Meeting on Energy and Renewables:** Discussions focused on investment opportunities, regulatory challenges, EU–India collaboration, and next steps for advancing clean energy and hydrogen initiatives.

Queries

- Provided inputs/updates regarding Foreign Manufacturers Certification Scheme (FMCS) of BIS: BARCO
- Provided detailed technical inputs on a series of consultation questions related to the ETSI Intelligent Transport Systems (ITS) protocol stack as part of its Consultation Paper on the "Regulatory Framework for Vehicle-to-Everything (V2X) Communication": TRAI

Key Reports Published by SESEI

- **Bureau of Indian Standards- BIS Catalogue (July 2026)** & Its **Presentation**
- **Market Access Report (July 2026)** & Its **Presentation**
- **Sector Profile Report on Green & Clean Technologies India (March 2026)** & Its **Presentation**
- **Indian Standardizations Landscape Report (March 2025)** & Its **Presentation**
- **Report on Sector Profile Report on "Digitalisation" – September 2025 : India** & its **Presentation**

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

India IP Advantage Summit 2026

When: 06 August 2026
Where: New Delhi

India IP Advantage Summit, organized by the Trade Promotion Council of India (TPCI), is a premier conference focused on the strategic role of intellectual property (IP) in driving innovation, business growth, and economic development. Bringing together policymakers, legal experts, industry leaders, and innovators, the summit explores IP commercialization, enforcement, AI-related IP challenges, and policy reforms. Attendees gain practical insights into protecting and leveraging IP assets, financing opportunities, and emerging trends while networking with key stakeholders shaping India's IP ecosystem.

More Information

Global Energy Digitalisation Conclave (GEDC)

When: 20 - 21 August 2026
Where: Pride Plaza Hotel, Aerocity, New Delhi

The Global Energy Digitalisation Conclave will take place at the prestigious Hotel Pride Plaza in New Delhi, India, from August 20 to August 21, 2026. This event brings together industry leaders, innovators, and policymakers to explore the transformative impact of digital technologies on the energy sector. Attendees will engage in thought-provoking discussions, share insights on emerging trends, and network with experts dedicated to advancing the digitalisation of energy systems.

More Information

CII Uttar Pradesh - Clean Energy Summit

When: 20 August 2026
Where: Lucknow, India

The CII Uttar Pradesh - Clean Energy Summit is set to take place on July 10, 2026, in the vibrant city of Lucknow, India. This one-day summit aims to bring together industry leaders, policymakers, and innovators to discuss and promote sustainable energy solutions that can drive economic growth while addressing environmental challenges. Attendees will have the opportunity to engage in insightful sessions, panel discussions, and networking opportunities, all centered around the theme of clean energy and its pivotal role in shaping a sustainable future for Uttar Pradesh and beyond.

More Information

Upcoming Events

4th Safe City & Intelligent Mobility India 2026

When: 26 August 2026
Where: Hotel Le Meridien, New Delhi

SCIMI 2026 (Sustainable Cities India Mission Initiative 2026) is a premier platform focused on smart, sustainable, and future-ready urban development. The event brings together government leaders, urban planners, technology providers, infrastructure experts, and industry stakeholders to showcase innovative solutions in smart mobility, digital infrastructure, clean energy, water management, waste management, and sustainable city development. It serves as a hub for collaboration, knowledge exchange, and advancing India's urban transformation agenda.

More Information

Sustainability Summit 2026

When: 27-28 August 2026
Where: New Delhi

The Sustainability Summit, taking place in the vibrant city of New Delhi, India, from September 15 to September 16, 2026, is poised to be a pivotal gathering for thought leaders, innovators, and advocates dedicated to advancing sustainable practices across various sectors. This two-day event will feature a series of keynote speeches, panel discussions, and workshops aimed at addressing the pressing challenges of climate change, resource management, and social responsibility. Attendees will have the opportunity to engage with a diverse group of experts and practitioners who are pioneering solutions for a more sustainable future.

More Information

Powergen India (PGIndia) 2026

When: 01-03 September 2026
Where: Yashobhoomi (IICC), New Delhi

Powergen India is a leading power and utility industry event taking place at Yashobhoomi, New Delhi, co-located with Bharat Electricity and Indian Utility Week. Bringing together over 8,000 industry professionals and 250+ exhibitors, the three-day event features a strategic summit, exhibition, and networking opportunities focused on power generation, transmission, distribution, smart energy solutions, and India's transition to a low-carbon energy future. It also offers expert insights on emerging technologies, policies, and regulatory developments shaping the energy sector.

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.cencenelec.eu, 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 | Seconded European Standardisation Expert in India

Enabling Europe-India Cooperation on Standards

Address: AltF Coworking, 2nd Floor,
101, NH-19, CRRI, Ishwar Nagar,
Okhla, Delhi, New Delhi-110044
Mobile: +91 9810079461
E-mail: dinesh.chand.sharma@sesei.eu
Website: 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
Institute www.etsi.eu

EC
European Commission
www.ec.europa.eu

EFTA
European Free Trade Association
www.efta.int