

Global ICT Standards for Sustainable and Trustworthy Digital Future

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ETSI's Leadership, Collaboration and Impact

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Economic Impact of Standards: Recent Evidence

20% GDP Growth

Austria, GAW Institute 2025

6.5% Annual Employment Growth

Austria, GAW Institute 2025

**68% SMEs Gain Competitive Edge
and 50% Reduced Time-to-Market**

European Commission 2024

**1.1T€ Annual Revenue enabled by
3GPP Standards**

GSMA Mobile Economy Report 2024

ETSI's Model: Openness, Inclusiveness and Global Reach

35+ Years at the Heart of Digital Standardisation

Connectivity (5G/6G), IoT, Cybersecurity, Network virtualisation, eID, Trusted Data Framework, Artificial Intelligence, Radio, Quantum and others.

From European Roots to Driving Global Standards

ETSI is both a European Standardisation Organisation (ESO) and a globally recognised Standards Development Organisation (SDO).

We bridge efforts to translate European leadership into global action by developing standards that strengthen the EU's competitiveness and values.

Over 900 Members: Direct Participation and Inclusiveness

ETSI offers a unique European platform for direct participation, fostering dialogue between governments, researchers, SMEs, technology companies and societal stakeholders.

We promote inclusiveness, including strong collaboration with Annex III organisations and the open-source community.

Independence and WTO/TBT Principles

ETSI operates as an independent and neutral organisation.

Our work follows the WTO/TBT principles of openness, consensus, transparency and voluntary application, **ensuring trust and legitimacy for all stakeholders.**

Flexible Processes and Standards Free of Charge

ETSI offers a broad range of agile tools, including Technical Committees, Industry Specification Groups, Software Development Groups, Interop Testing/PlugTests, Special Committees, Specialist Task Forces, and the PAS process, to deliver timely results.

All ETSI standards are freely available, with over **60,000 published** and more than **26 million downloads** each year.

Global Reach and Partnerships

ETSI operates within a broad community, collaborating with the ECC and CEPT across 46 countries (radio equipment and spectrum), and the ITU.

We are a founding partner of global partnerships like 3GPP and oneM2M.

We also maintain **over 100 partnerships** and contribute to international cooperation projects like **SESEI, SESEC, GIST** and **IndiCo-Global**.

Examples of ETSI Success Stories



Wireless Systems

- GSM -> 3GPP (3G/4G/5G/6G)
- DECT, TETRA



Smart Card Platform

- SIM Cards, Payment Cards



Electronic Signatures, Identification and Trust Services (e.g., eIDAS series)



Quantum-Safe Security

- Quantum Key Distribution
- Quantum-Safe Cryptography



Consumer IoT Security (e.g., ETSI EN 303 645)



Accessibility of ICT Products and Services

Shaping tomorrow's standards today

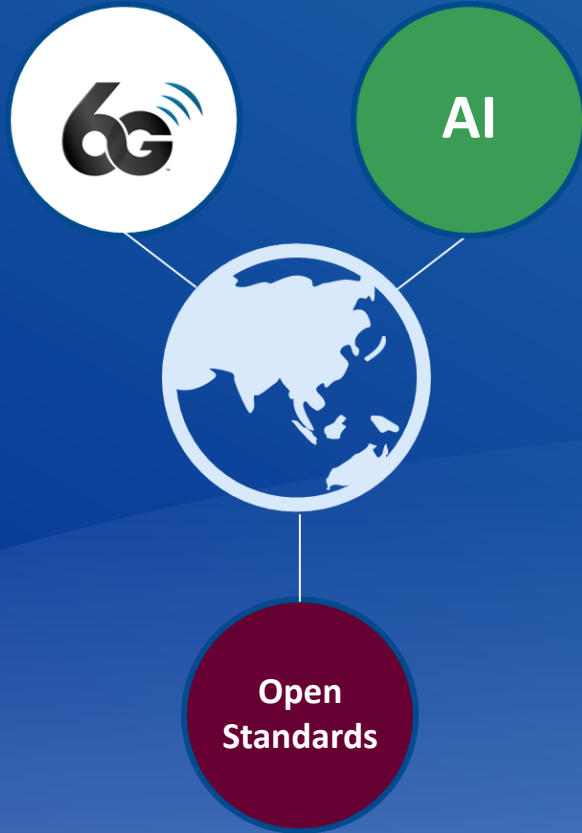
- 6G (3GPP)
- Trusted Data Framework & Data Sharing
- Quantum Technologies
- Cybersecurity and Cyber Resilience
- EU Digital Identity Wallet
- Trustworthy AI Systems

Focus on future challenges:

- Interoperability
- Security
- Energy efficiency
- Accessibility

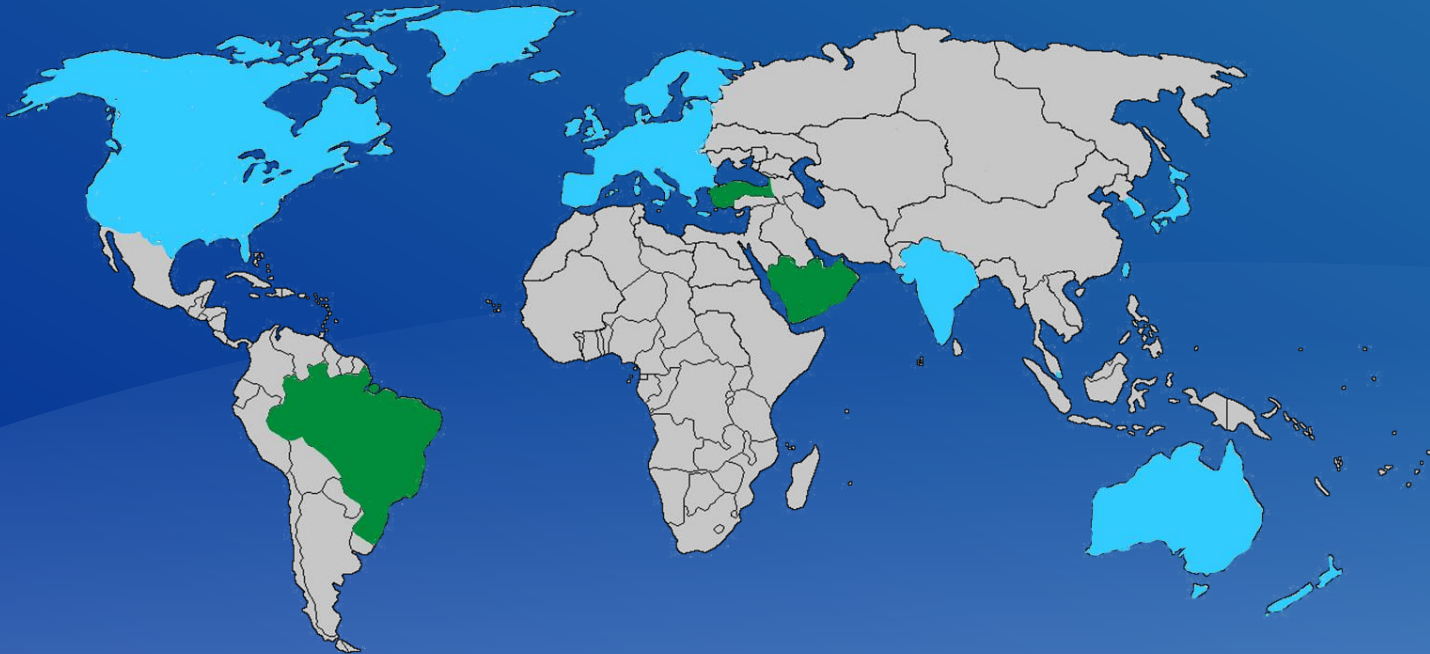
ETSI's fostering of open competition and responsible IP practices ensures that innovation remains accessible, sustainable, and fair.

Diversity in 6G and AI: Enabling AI for All through Open Standards



- 6G and AI will shape the **future of connectivity and intelligence**.
- Diversity of technologies, contributors, and regions is essential for **robust, secure, and innovative solutions**.
- **3GPP and ETSI**: Proven models for **global, consensus-driven standardization**.
- **Open standards** ensure **fair competition** and **rapid adoption** worldwide.
- Consensus-based standards make AI and 6G **accessible, trustworthy, and beneficial to all**—“AI for All.”

Collaboration for an Inclusive and Innovative Digital Future



- Global collaboration essential to building bridges for AI for All.
- ETSI as a platform for implementation of EU Digital Partnerships.

Summary

- 🌐 ETSI's open, consensus-driven model delivers trusted, global standards for a sustainable digital future.
- 🛡️ Diversity—in technologies, contributors, and regions—drives innovation, resilience, and security in 6G and AI.
- 🌐 Open standards (ETSI, 3GPP) ensure fair competition, rapid adoption, and “AI for All.”
- 🤝 Collaboration across regions and sectors is essential to address future challenges and opportunities.
- ⚡ ETSI remains committed to enabling trustworthy, inclusive, and innovative digital transformation worldwide.

Together, we shape a trustworthy digital future for all!