

Transforming Ideas into Impact Through Standards

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Joint SNS-JU and ETSI Webinar, ETSI Outline

- ✓ Bridging Research and Standards participation in ETSI Industry Specification Groups (ISG) for pre-standardisation.
Muriel Deschanel: ETSI R&I Technical Officer
- ✓ ISG success story – the ISAC example.
Alain Mourad: Senior Director, Head of InterDigital Wireless Lab Europe, Chair of ISG ISAC and ETSI board member.
- ✓ ETSI open-source work and Software Development Groups (SDG).
Silvia Almagia: ETSI Director, Software and Standards

Why do standards matter?

- ✓ Standards are embedded in our daily lives — for example, when we use mobile networks, connect devices, or watch television
- ✓ Standards enable **interoperability** and foster a **dynamic, competitive, and sustainable ecosystem**.
- ✓ **Interoperability** is the ability for components, systems, or software from different providers to communicate and exchange data seamlessly, without translation, conversion, or delays.
- ✓ **Interoperability** is essential for achieving scalability and supporting a healthy technology ecosystem with a diverse range of solution providers, including smaller players, new entrants and academics.
- ✓ Standards should aim to define the *minimum* interoperability profile, allowing room for innovation and differentiation in areas such as performance, features, or user experience.



Benefits of standardisation to the research community

Excellent networking and collaboration opportunities

Standardisation groups provide a natural platform to build diverse and well-balanced project consortia — across countries, SMEs, large industry players, academia, and public bodies.

Stronger peer review and validation

Participation in standardisation offers feedback not only from the research community but also from industry experts, implementers, and regulators — strengthening the scientific and technical quality of the work.

Market scale-up and openness

Standardised interfaces allow research institutes (and SMEs) to contribute individual components to larger solutions — preventing closed, end-to-end proprietary systems and reducing the risk of monopolies.

Increased visibility and impact of research results

Contributions to standards help research outputs reach industry adoption, increasing relevance, credibility, and long-term impact.

Faster technology transfer

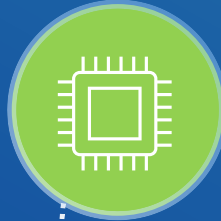
Standards help bridge the gap between research and real-world deployment, accelerating the uptake of innovative technologies.



ETSI a European Standards Organisation (ESO) influencing the world

35+ years at the heart of digital standardization

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 Standardization 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.



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.

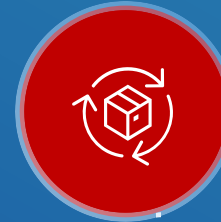
We are a founding partner of global partnerships like 3GPP and oneM2M.

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

Independence and WTO/TBT principles

ETSI operates as an independent and neutral organisation.

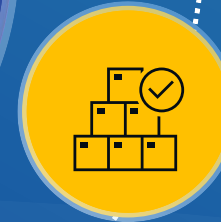
Our work follows the WTO/TBT principles of openness, consensus, transparency and voluntary application, ensuring trust and legitimacy for all stakeholders.



Flexible processes and Standards free of charge

ETSI offers a broad range of agile tools, including **Special Committees, Specialist Task Forces, Software Development Groups** 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.



ETSI Support to Research Projects and Researchers



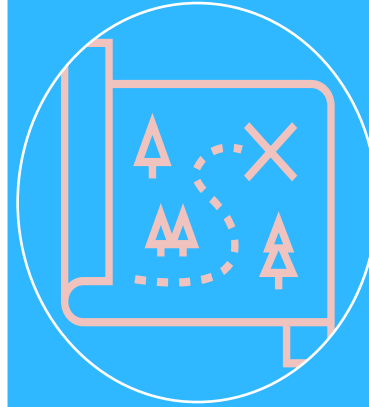
General Advice
on
Standardisation



Letter of
Support (LoS)
to Funded
Projects



ETSI in Funded
Project
Advisory
Committees



Education
about
Standardization

Master Tech Standardization
with ETSI



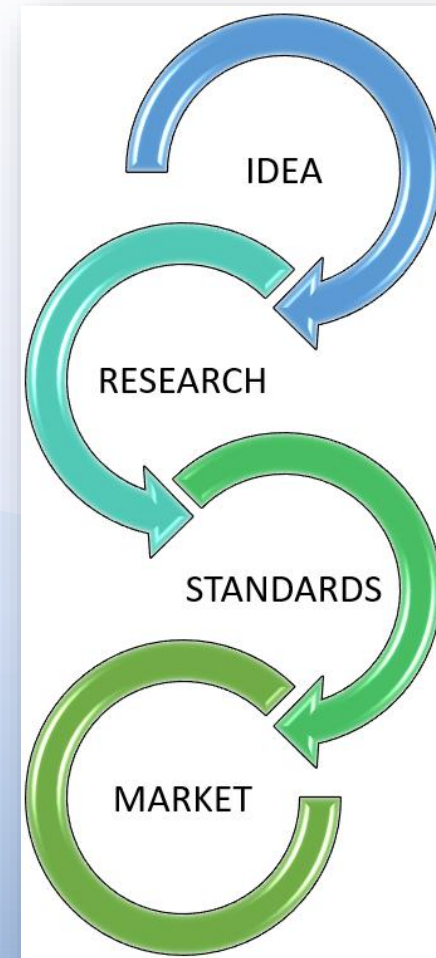
Specific
Technical
Groups for pre-
standards and
for Code
(ISGs + SDGs)



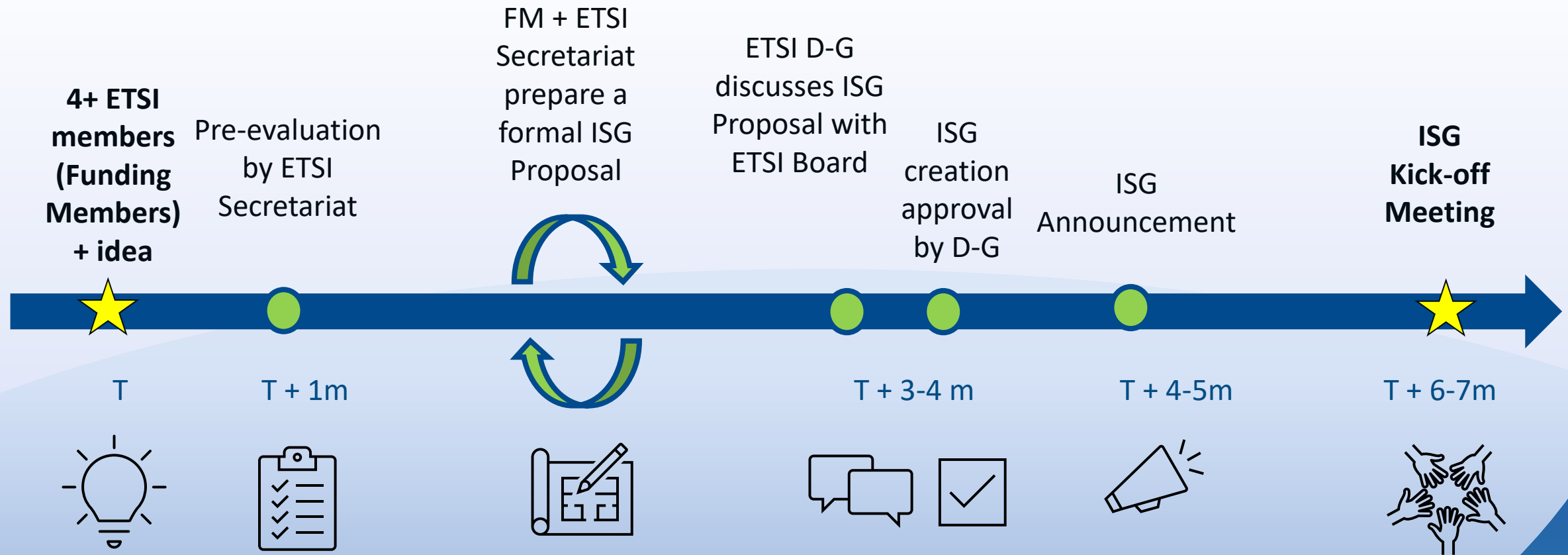
Research &
Innovation
Awards

Contact research@etsi.org AND <https://www.etsi.org/education/teaching-material>

- ✓ Ideal framework for **early-stage** standardisation work
- ✓ Initiated by any group of companies, provided at least **four are ETSI members** (or applicants)
- ✓ **Creation approved by the ETSI Director-General**, following consultation with the ETSI Board.
- ✓ Initial period is **2 years**, renewable.
- ✓ **Open to both ETSI members and non-members.**
 - Non-members may join the ISG after signing a participant agreement; they can then subscribe to mailing lists and start contributing. A small fee applies for attending plenary/day-long meetings.
 - ETSI members do **not** need to sign any additional agreement.
- ✓ A streamlined ISG process enabling fast publication of deliverables (GSs and GRs) – often within months.
- ✓ **Leadership positions** (Chair or Vice-Chair), open to **researchers and academics (ETSI members only)**
- ✓ Officials are elected for a **2-year mandate**
- ✓ **Contributions are made on behalf of companies (members or not) and can include project acknowledgement.**



Creating a new ETSI Industry Specification Group - ISG



Non-ETSI Members

First Step: Sign the ISG Participant Agreement

Then:

- ✓ Request an ETSI Online Account (EOL) and access ISG documentation
- ✓ Subscribe to the ISG Mailing list
- ✓ Participate in ISG meetings - a small fee applies to plenary or day-long meetings only
- ✓ Contribute to work items – project acknowledgement can be included
- ✓ Propose a new work item (requires 4 supporting ETSI members)
- ✓ Become a rapporteur of a work item
- ✓ No voting rights, however most ISGs decisions are made by consensus

ETSI Members

- ✓ Request an ETSI Online Account (EOL)
- ✓ Subscribe to the ISG Mailing list
- ✓ Participate in ISG meetings
- ✓ Contribute to work items – project acknowledgement can be included
- ✓ Propose a new work item (and count as one of the 4 required supporting members)
- ✓ Apply for leadership positions (Chair or Vice-Chair)
- ✓ Become a rapporteur of a work item
- ✓ Can participate in a vote however most ISGs decisions are made by consensus



ETSI Portal - <https://portal.etsi.org>



Please log-in with your EOL account.

Username:

Password:

Keep me signed in ([more info](#))

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INT	ITS	LI	MSG	MTS	QT	RRS	RT	SAFETY	SAGE	SAI
SES	SET	SmartBAN	STQ	TCCE	TSA	USER	ARF	CIM	ENI	F5G
ISAC	MAT	MEC	NFV	OEU	QKD	RIS	THz	ZSM	OCF	OOP
OSL	OSM	TFS	C_Letter	ECTF	EVENTS	GoSR	NSBG	NSOG	STF	

Meeting Calendar



ETSI News

Links:

- Helpdesk: <https://portal.etsi.org/Help/IT-Helpdesk/Contact-IT-Helpdesk>
- ETSI ISG xxx portal: <https://portal.etsi.org/xxx>
- EditHelp!: <https://portal.etsi.org/Services/editHelp!.aspx>
- ETSI Directives (with EDR): <https://portal.etsi.org/Resources/ETSI-Directives>
- Portal help: http://help.etsi.org/index.php?title=Contributions_application

Guides:

- Writing World Class Standards:
<https://portal.etsi.org/Portals/0/TBpages/edithelp/Docs/AGuideToWritingWorldClassStandards.pdf>
- Delegate's Guide: https://ocgwiki.etsi.org/index.php?title=Delegate%27s_Guide
- Rapporteur's Guide: <https://portal.etsi.org/Services/editHelp/How-to-start/User-guides/Rapporteurs-guide>
- Chair's Guide: https://ocgwiki.etsi.org/index.php?title=Chair%27s_Guide

Join us and Design Tomorrow's World with the Standards People

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www.etsi.org

