

**2024 report to the
European Commission
on ETSI's implementation of
Regulation (EU) Nº 1025/2012 on
European Standardization**

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INTRODUCTION

The present report answers to the requirement laid out in Article 24 of the [Regulation \(EU\) No 1025/2012](#) of the European Parliament and of the Council of 25 October 2012 on European standardisation. This article requires from the European Standardisation Organisations (ESOs) an annual reporting on a number of topics as follows:

Article 24(1(a)) requires the ESOs to report on the application of:

- Article 4: Transparency of standards
- Article 5: Stakeholder participation in European standardization
- Article 10: Standardization Requests to ESOs
- Article 15: Financing of standardization organizations by the Union, and
- Article 17: Financing arrangements

Article 24(1b) requires the ESOs to provide information on the representation of SMEs (see note), consumer organizations and environmental and social stakeholders in our national standardization bodies (NSBs). *In the case of ETSI these are the National Standards Organizations (NSOs).*

NOTE: Small and Medium Enterprise's definition can be found at https://single-market-economy.ec.europa.eu/smes/sme-definition_en.

Article 24(1c)) requires the ESOs to provide information on the representation of SMEs on the basis of the annual reports referred to in Article 6(3) of the regulation, which refers to reports of the ETSI NSOs to ETSI concerning:

- Article 6(1): Encourage and facilitate access of SMEs to standards and standards development processes in order to reach a higher level of participation in the standardisation system, for instance by:
- Article 6(2): exchanging best practices aiming to enhance participation and use of standards by SMEs.
- Article 6(3): Sending annual reports to the ESOs with regards to their activities and all other measures to improve conditions for SMEs. Those reports shall be published on ESOs' websites.

Article 24(1(d)) requires the provision of detailed information about the use of IT tools in the standardization system.

Finally, following the requirements of Article 24(1(e)), the ESOs shall provide details about cooperation between the NSOs and ETSI.

Moreover, even if not required by the reporting obligation of Article 24, we also provide information about achievements and fulfilment of requirements in Article 3 (Transparency of Work Programmes) by ETSI and our NSOs.

The present report is prepared by ETSI as the 2024 report on the implementation of this Regulation, and follows the structure of Article 24(a), and subsequently referred articles. It is also prepared in a similar template to the reports from CEN and CENELEC to assist any compilation of information by the EC. These reports will however differ due to the difference in our business model and our relationship with our NSOs (as well as their number).

It shall also be noted that, since 2017, an agreement between the Secretariats in CEN/CENELEC and ETSI has led to a situation where NSOs common to the ETSI and CEN, ETSI and CENELEC or to all three organisations, can reuse the basis of their declaration made for CEN or CENELEC (using a dedicated reporting tool) and adapt the required data for the ETSI context, saving preparation time for the NSOs.

And more recently, ETSI has put in place a dedicated webpage for the reporting on Regulation 1025/2012, as well as a webform for each article, to also facilitate the NSOs' reporting. The way it is done facilitates the compilation of comments as it is automatically generated and allows to avoid any manual mistakes.

Much of the data input for this report was gathered through the online surveys sent to all NSOs early December 2024. The ETSI online survey was closed mid January 2025. All website links mentioned in this report were valid and active as per mid-February 2025.

Article 24(1(a)): Application of Articles 4, 5, 10, 15 and 17.

Article 4: Transparency of standards

Article 4(1): Sending draft standards and deliverables, upon request

Draft European standards or European standardization deliverables

ETSI provides draft European standards or European standardization deliverables to the other ESOs or to the European Commission, or to the EFTA Secretariat on request. In 2024 ETSI received no requests for any draft deliverables:

NOTE 1: ETSI NSOs have access to all the ETSI drafts.

NOTE 2: No request does not mean no drafts needed or obtained from ETSI as EC, EFTA and CEN/CENELEC have all accounts on the ETSI portal allowing them to access to working documents without requiring formal requests.

Application by ETSI NSOs of Article 4(1), on sending draft national standards to other ESOs, to national standardization bodies or the Commission, upon request.

Two NSOs have been requested to send their draft national standards.

Action	Result	Comments
Art 4 (1): National drafts requested	4 drafts	From an NSO/NC/NSB
National drafts provided	3 drafts (75 %)	<p>One draft national standard has not been provided because the project is in its initial phase and the draft will be available in 2025. To comply with Regulation 1025/2012 requirements on transparency on draft national standards, AFNOR relies on the 3 following means:</p> <ol style="list-style-type: none"> 1. All draft national standards are available for comments on the AFNOR website during the public enquiry stage. 2. Informal bilateral agreements: AFNOR systematically exchanges draft national standards at the public enquiry stage with some CEN members. 3. Requests for draft national standards directly sent to AFNOR TBT contact point. No request for draft national standards was received by AFNOR in 2024.

Source: 37 ETSI NSOs.

Article 4(2): Replies to and consideration of comments

Comments on European draft standards or European standardization deliverables.

ETSI received comments from the European Commission in relation to deliverables developed in the context of the standardisation requests.

Application by ETSI NSOs of Article 4(2), on replying within three months and taking due account of any comments received from any other European Standardisation Organisation, National Standardisation Body or the Commission with respect to any draft.

There were no reports of such comments received by the ETSI NSOs.

Action	Result
Art 4(2): Comments received	None.
Comments timely replied and taken into account	-

Source: 37 ETSI NSOs.

Article 4(3): Consultation to the ESOs and the European Commission in the case foreseen in Article 4(3) of the Regulation

ETSI consultation to the other ESOs and the European Commission

ETSI did not receive any comment foreseen in Article 4(3).

Application by the ETSI NSOs of Article 4(3), on consulting the European Standardisation Organisations and the European Commission before adopting any draft standards if comments indicating that the draft standard would have a negative impact on the internal market.

The ETSI NSOs did not receive comments foreseen in Article 4(3).

Action	Result
Article 4(3): Comments indicating that their draft standard would have a negative impact on the internal market	None
Consultations of ESOs and EC before adopting the national drafts	-

Source: 37 ETSI NSOs.

Article 4(4(a)): Access to draft national standards

ETSI NSOs ensured access to draft national standards so that all relevant parties were given the opportunity to submit comments.

There were several ways put in place by NSOs to fulfil this requirement.

How do you ensure access to draft national standards in such a way that all relevant parties, those established in other Member States, can submit comments?	2024	2023
Online platform currently in operation	70,27 %	59 %
Planned online platform or under development	2,70 %	5 %
No online platform	27,03 %	36 %
Submitted comments: <ul style="list-style-type: none"> ▪ It should be noted that each NSO is different and therefore the access to draft national standards was provided in different ways: <ul style="list-style-type: none"> - upon simple request by email, fax or post; - publication in Official Journal / "Standardization Bulletin" available online; - on website the standards for public enquiry are made available, and then the comments are submitted via email; - draft standards were sent by email only to members of national Technical Committees; and - via a website: <ul style="list-style-type: none"> - www.ove.at/entwurfsportal - https://ilnas.services-publics.lu/ecnor/facetSearch.action?textSearch=&published=false&project=false&cancelled=false&enquiry=true - http://forslagskommentering.ds.dk/ - https://reader.austrian-standards.at/ReviewDocumentsList.action - http://drafts.unmz.cz/ - https://mccaa.org.mt/Section/Content?contentId=1242 - https://members.sist.si/norm/pesearch.aspx - https://viedoklis.lvs.lv - https://projektai.lsd.lt/ - https://standard.dps.gov.al/sq/ 		

- <https://bds-bg.org/bg/>
- <https://www.ipq.pt/normalizacao/normas/inquerito-publico/>
- <https://standardsdevelopment.elot.gr/>
- <https://www.stadlar.is/taktu-thatt-/gera-athugasemd-vid-frumvarp/>
- <https://ttja.ee/ariklient/side-ja-meediateenused/sideteenused/standardimine>
- <http://hznlive.67bricks.com/>
- <https://norminfo.afnor.org>
- <https://iss.rs>
- www.entwuerfe.normenbibliothek.de
- <https://standard.normoff.gov.sk/verejne-prerokovanie/>
<https://www.normoff.gov.sk/stranka/117/navrhy-povodnych-stn-na-verejne-prerokovanie/>
- <https://www.nsai.ie/standards/your-standards-your-say/>
- https://standard.md/?page_id=3235#1736756706886-f1b07f4b-2987
<https://standard.md/?anchet=anunt-cu-privire-la-elaborarea-anteproiectului-standardului-moldovenesc-original-sm-360202x-must-de-struguri-alcoolizat>
- <https://nkom.no/om-nkom/standardisering>
- <https://pzn.pkn.pl/polls/#/?pollingType=DEFAULT>
- <https://normontwerpen.nen.nl/>
- <https://srp.une.org/>
- <https://www.ceinorme.it/adempimenti-al-regolamento-ue-1025-2012/inchieste-pubbliche>
- <https://www.ceinorme.it/adempimenti-al-regolamento-ue-1025-2012/spazio-piccole-medie-imprese/>
- https://isrsm.gov.mk/en/postapka-na-javna-rasprava-ipreispituvanje_p1120.html
<https://isrsm.gov.mk/en/project/list?status%5B0%5D=IN DEVELOPMENT¤tStage=40.20&operatorCommittee=1&originator=ISRSM&operatorStdType=3&listMode=DEFAULT>
- <https://standardsdevelopment.bsigroup.com/>
- https://app.nbn.be/data/r/platform/public-portal/home?p_lang=en
- https://isme.me/sr_ME/

- **ASRO** plans to have a commenting platform end of Q2-2025.
- **CYS** - ETSI draft national standards are available to all relevant parties and can be sent by email upon request. In addition PrENs and final votes are also uploaded in ISOLUTIONS (collaboration platform) in some cases. The titles of the draft Standards are also available at CYS webpage for all interested national stakeholders and those established in other Member States. The Project for the online public commenting platform will be examined including all parameters and resources to be included in the budget for 2026 approval.
- Even though we have our public commenting platform **UNE** has additional procedures for ensuring access to drafts national standards:
 - General Public: **UNE** web page provides information to the general public about the draft standards under development and especially for those under public enquiry. It includes the information on the stage and how to make contributions. **UNE** web page is available also in English to make easier the consultation of national work programme. **UNE magazine** includes the information on national drafts under public enquiry.

	<p>Electronic version of UNE magazine is free available for the general public in UNE web site (around 4500 visits per month) The specific official procedure for the public enquiry in Spain, according to Spanish legislation, sees that the Spanish Official Gazette (BOE) shall publish the monthly list of UNE projects which are under Public Consultation.</p> <p>During the fixed period for comments any interested individual person or entity can apply for the project and can submit comments and observations. Projects can be consulted in UNE premises. Observations shall be analyzed and an official answer shall be sent to the commenter.</p> <ul style="list-style-type: none"> - NSB and CE/EFTA: UNE informs to the other NSBs via the CCMC i-projex platform (INFOPRO-procedure) - Standardization participant parties: Draft documents for national public enquiry are made available via e-comités platform (livelink technology) to all interested participant parties. - National administrations receive every month the list of projects of standards that can affect of standards published in legislation of its competence. They are requested to send their comments using the on line public commenting platform. - Some NSOs' website promotes transparency and accessibility, offering stakeholders, including SMEs, clear information on standardization activities. The "Compliance with EU Regulation 1025/2012" section features a "Public Enquiries" area, where users can submit comments on NWIs through an Observations template. Comments can be sent via email, and the relevant links are also available under the "Small and medium-sized business space" section, which provides tailored resources for SMEs. Additionally, those who submitted comments on national drafts are invited to participate in meetings to discuss their feedback, in line with CEI's official TC/SC activity rules. <ul style="list-style-type: none"> ▪ CEI website permits the access to the information, the clarity and the transparency, in line with the requests of our stakeholders, including SMEs. In particular under the website section "Standardization activities" CEI has an area related to "Compliance with EU Regulation 1025/2012" where is possible to have access to the sub-area "Public Enquiries" by the following link: https://www.cheinorme.it/adempimenti-al-regolamento-ue-1025-2012/inchieste-pubbliche. Instructions are provided on the way to propose comments on NWIs through the Observations template available. All the relevant parties have the opportunity to submit comments through emails. All the above links are accessible also under the new "Small and medium-sized business space" dedicated to SMEs: https://www.cheinorme.it/adempimenti-al-regolamento-ue-1025-2012/spazio-piccole-medie-imprese/ (CEI offers this section of its website to present information, news, documents, products and services on technical standardisation dedicated in particular to Small and Medium sized Enterprises). Furthermore Parties that have submitted comments to the national drafts have been invited at the meeting for discussion of their comments, according to CEI Official Rules on TC/SC activities.
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Source: 37 ETSI NSOs.

Article 4(4(b)): **Allow other national standardization bodies to be involved passively or actively, by sending an observer in the planned activities**

All NSOs allow other National Standardization Bodies to be involved, either passively or actively with the possibility to send one or more observers, in their planned national standardization activities. However, this does not currently take place in most cases.

49 delegations from NSOs participated passively (i.e., remote monitoring) or actively (i.e., receiving documents and sending observers to the meetings) in the committees of other NSOs:

- The **NEN** 7427-1 was developed under NC 310028 "Liquid and gaseous fuel" together with **NBN** (active): The workgroup consisted of experts from both countries and hosted an expert from Denmark for one meeting (active). **BSI** also provided input on the draft standard (passive). The certification branch of BSI (BSI group The Netherlands BV) is a member of NC 381420 on AI & Big Data (active). In the NC 370009 "Microbiology of the Food Chain" counts several Belgian members (active).
- **DIN** nominated observers in technical bodies dealing with medical informatics, quality management, conformity assessment, ICT, BIM, wastewater technology, sustainable communities and cities, medical technology, railway, occupational health and safety, automatic firefighting systems, real estate and facility management as well as ship building. **MSZT** has nominated an observer in the committee on facility management and real estate. **OVE**, the Austrian NC, nominated observers in those technical bodies managed by Austrian Standards International in the areas of ICT, automatic fire fighting systems, medical devices, smart cities, conformity assessment.
- New 2024 Under Vilamoura procedure, experts of 1 NSB/NC have been involved in the preparation of a national deliverable under **CEI** TC 76 "Sicurezza delle radiazioni ottiche e apparecchiature laser".
- **NSAI**.

Article 5: Stakeholder participation in European standardization

ETSI shall encourage and facilitate an appropriate representation and effective participation of all relevant stakeholders, including SMEs, consumer organisations and environmental and social stakeholders in their standardisation activities. (...)

Article 5(1): Stakeholder participation at policy level in ETSI

Participation in ETSI at policy level

As stated in Regulation 1025/2012, the "Annex III" organizations have been assigned an important role in the representation of relevant stakeholders, including SMEs, consumer organisations and environmental and social stakeholders in the standardisation activities of ETSI.

During 2024, ETSI continued to encourage and facilitate an appropriate representation of the Annex III organisations (i.e., ANEC, ECOS, ETUC and SBS) in both policy-related and technical activities. All 4 organisations are full members of ETSI and benefit from a reduced financial contribution (2 100 EUR). This membership is no different from any other ETSI full member (right to vote, participate at the General Assembly meetings, to attend as an Observer at the ETSI Board and to stand for election for all official positions).

It also provides them with the opportunity to participate in ETSI's governance and contribute to all ETSI's technical work. This includes all stages of the ETSI system including proposing the creation of new work items and to act as a supporting organization for the related work, holding official positions in the technical organisation (TB/WG Chair, Vice-Chair and Rapporteur). There are no restrictions to the number of ETSI technical bodies that they can join nor to the number of mailing lists that they can subscribe to, and they generally do so for matters of interest to them. As for any member, they can access all ETSI documentation from the working level to drafts and published versions. ETSI encourages these members to make full use of the access that they have and to make use of the ETSI environment.

SBS continues to hold the reserved User seat on the ETSI Board following the Board elections held in December 2023 and SBS also holds the position as one of the Vice-Chairs of the ETSI General Assembly. However, as for all members, all Annex III organisations have access to the ETSI Board meetings, and they can attend as observers upon request prior to each Board meeting. In addition, the 3SI Advocate is invited to report on a regular basis to the Board. He is also invited to the ETSI-NSO meetings when items of relevance are on the agenda.

- ETSI General Assembly (and position of GA Vice-Chair position in the case of SBS) as full members of ETSI. As members they can also participate in all GA ad hoc groups and also in the ETSI IPR special committee.
- ETSI Board – elections are held every 3 years (last in December 2023). ETSI reserves a user seat and an SME seat.
- Membership enables the stakeholders to participate at the strategic/policy level (both long term and annual) and to participate in the different strategic topic groups. SBS participated in the Boardroom Topic on Regulation, Policies and the Landscape and Ecosystem of Standardisation (REGPOLES) in 2023. ANEC, SBS and the ETUC have participated in the Board Process group and the Board INCLU group has welcomed the participation of EFTA, ETUC, ANEC, ECOS and SBS.
- ANEC, ECOS and the ETUC and other members also have the possibility to attend the ETSI Board as an observer (on request before each meeting).
- Ability to participate in all ETSI workshops or policy events.
- As one of the Vice-Chairs of the GA, SBS also participates as an ETSI member of the CEN-CENELEC-ETSI Joint Presidents Group (JPG). This is the only route into the ESOs JPG that any Annex III organization has that we are aware of.

Participation in ETSI at the technical level

ETSI's membership encourages SMEs and micro-enterprises to participate in all areas, including:

- The proposal and acceptance of new work items in the TBs/WGs they participate in with the option to provide rapporteurs.
- The technical discussion on proposals and their development (drafting/development phase).
- The submission of comments on drafts in all TB/WG meetings as well as in their approval (including voting if required).
- The update of existing European standards or European standardization deliverables.
- The dissemination of information on, and awareness-building about, all adopted European standards or European standardization deliverables.
- The nomination of candidates with technical expertise for consideration as members of ETSI Specialist Task Forces (STF) – both ETSI and EC/EFTA funded.
- The application for TB/WG official positions.

Participation through "Annex III organizations"

As mentioned earlier, all Annex III organizations are entitled to participate as full members of ETSI in the meetings of all ETSI Technical Bodies (TBs) and Working Groups/Task Groups (WGs/TGs) and they are thus able to access all working documents, drafts and submit contributions. They have identical rights to all ETSI members. If they were only to hold Observer membership status in ETSI then these rights would be more limited in accordance with our statutes and hence ETSI is pleased that all 4 organisations are full members of ETSI. We encourage all Annex III organisations to maintain their full membership (a class 1 level of contribution and at a reduced financial contribution) to ensure they have the full rights and conditions as all ETSI members.

Below is information on ETSI representatives from Annex III organisations at end of 2024:

- ANEC had 6 active registered representatives in the ETSI Directory application.
- ECOS had 8 registered representatives in the ETSI Directory application.
- ETUC had 3 registered representatives in the ETSI Directory application.
- SBS had 20 registered representatives in the ETSI Directory application.

ETSI has continued to provide full and open access to the working drafts and allows participation of the experts accredited by them.

Participation of SMEs, consumer, environmental and social stakeholders through the national members

ETSI does not operate under the national delegation principle so their participation in ETSI's technical organisation and work is direct through their membership of ETSI and at all stages of the ETSI Standards Making Process. Only during the public approval process do these stakeholders need to submit their comments via the ETSI NSOs (and this may be done via several ETSI NSOs depending upon how the organizations encourage their members to act). ETSI has no details on this but assume that they would formally use the ETSI NSO for Belgium should they submit comments centrally. National associations may also choose to submit specific comments via specific ETSI NSOs but ETSI has no information on this as the source of public comments tend not to be identified by the NSOs specifically.

While ETSI is not involved in the running of the public enquiry by NSOs and does not interfere with the rules they set for such public enquiry to take place as well as for the handling of comments prior to submission to ETSI, ETSI has used the ETSI-NSO meetings in the past in order to inform the NSOs of the relevance of transferring Annex III organisations comments unaltered and unfiltered. Some NSOs have indicated that they transfer all comments received without specific processing and they can be a channel of choice for the Annex III organisations wanting to submit comments during the public enquiry step of the EN approval. This is especially relevant in case the opportunity of commenting during the drafting stage was not used by the organisation submitting comments.

Article 5(2): Appropriate representation of undertakings, research centres, universities and other legal entities in standardization activities concerning an emerging area with significant policy or technical innovation implications.

Research community and liaisons with ETSI technical bodies

The research community in general, and EU / National funded research project members in particular, may collaborate with ETSI through formal liaisons, participation in technical meetings and interactions at the frequent ETSI technology workshops (examples include, research, AI, NTN, sustainability, Quantum, Security and many more).

There is already an excellent cooperation between researcher and research projects, and ETSI TBs/ISGs as a result of the membership of the project consortia also being members of ETSI and hence information can be brought to the ETSI TBs/ISGs directly by one of those shared members. Should a more formal interaction be required, then this can be facilitated by the project attending the meeting of a TB/ISG as a guest but if it is formalised then the status will be changed to observer. Here the participation allows them to be involved in discussions but without any involvement in decision-making.

Another way ETSI cultivates its links with the research community and academia is the organisation of frequent workshops to disseminate research results and identify standardisation opportunities. The most recent examples of ETSI conferences where researchers have been present, provided Demos / posters and overview presentations include the ETS events on Quantum AI, Cyber security and many more.

2024 saw continuation of work on the Education about Standardisation programme. This work has the goal of establishing a solid foundation for awareness about tech standardisation as part of the university curriculum for students that may evolve to work in environments in which standardisation plays an important role. It also targets any organization with requirements for training in ICT standardization as part of their continuous learning or new recruit training programs. The ETSI General Assembly also approved financial resources (spread over 3 years) for a “Training in Standardisation” Project. The project is building upon the extensive material that is already available and aims to ensure it becomes part of the continuous overall approach within ETSI to strengthen training and education in the standardizing arena. This will complement the activities within the European Commission’s High-Level Forum on European Standardisation under the workstream on Education & Skills, where ETSI participates.

In the summer of 2024, an MoU was signed with Utrecht University to assist with their Summer School and in accordance with the MoU with the University of Luxembourg, teaching was performed in April 2024. Substantial efforts have been made to increase awareness of the Education materials and to promote their use.

In its goal to further bridge research and standardisation, ETSI has a full-time member of its staff working on fostering close relationships with researchers, so that ETSI could identify new technology trends and establish appropriate groups to undertake work in new areas. In addition, in 2024 the newly elected ETSI Board created dedicated projects looking at enablers for researchers (Board_Research) and the creation of a new online future technology radar (Board_ETR).

ETSI also set up methods for its technical committees to request support from the research community, for example by expressing a need for pre-/co-normative research.

ETSI continued its collaboration with National Standards Organisations as well as Small and Medium-sized enterprises, which are often well-placed to advance specific technologies.

ETSI has created a number of tools and services for researchers and innovators, and many of them can be accessed via the dedicated ETSI website www.etsi.org/research.

Membership in ETSI by research bodies and universities with this category (public research body/university) represents 122 members by the end of 2024.

ETSI maintains links to the research and innovation communities and participates as a partner/advisor in several EC funded projects and a few nationally funded projects. The aim is to identify candidate technologies for standardization and to support stakeholders in standards related activities in areas which are in the scope of ETSI.

ETSI is invited to support and advise research projects on a regular basis both via Letters of Support (LoS) and/or participation to the projects External Advisory Board (EABs). The Secretariat participates within the limits of its capabilities and available resources.

ETSI has continued to review how it and its Technical Organization could be adapted to be more successful to receive new innovative work from the research and innovation area:

- pre-standardisation, particularly in the ETSI ISGs
- pre-standardisation, open-source activities particularly in the ETSI SDGs
- innovative input to new and existing technical work in ETSI
- relationship of ETSI ISGs/TBs
- short term and long-term aspects and technology tracking

ETSI has continued to consider Horizon Europe as major sources of new technologies to be standardised in ETSI:

- seeking to identify opportunities for ETSI,
- seeking to identify standards that may be re-used by the active and upcoming projects,
- to anticipate and prepare for R&D&I themes relevant to ETSI,
- to explore possibilities of financing,
- to identify options to promote ETSI deliverables and the ETSI work programme in Horizon Europe work programmes/projects, and
- to explore ways to attract new Horizon Europe technologies to ETSI.

The overall aim is to continue developing a more systematic and pro-active approach for linking Horizon Europe and ETSI. This approach is also used for any other EU, national funded programmes.

Article 10: Standardisation requests to the ESOs

ETSI decides to accept or reject a Standardisation Request (SReq) under Article 10 within one month of receipt. ETSI was consulted on several draft standardisation requests during 2024. It is expected that the European Commission will continue to involve ETSI from the early stages of the SReq drafting process. This enables the ETSI Secretariat to provide the necessary information to National Standardisation Bodies (NSB) so that they can also make an informed decision on the acceptance or rejection of new applications within the deadlines set by the Regulation.

ETSI, guided by Technical Committee Environmental Engineering (TC EE), provided comments on the draft replacement of M/573 on ecodesign requirements for servers and data storage products in February 2024. A revised draft is expected to be submitted to the Committee on Standards with a formal request for opinion.

For the ecodesign requirements for smartphones, mobile phones other than smartphones & cordless phones/slate tablets in support of Commission Regulation (EU) 2023/1670 & Commission Delegated Regulation (EU) 2023/1669, guided by TC EE, ETSI submitted comments in February, and had no additional comments following the public consultation in September.

ETSI accepted the draft Standardisation Request for the definition of system specification requirements for the future rail mobile communication system in support of Directive (EU) 2016/797 in May 2024 under M/603. (This followed on from M/570 that expired in February 2023.) A first interim report from Technical Committee Railway Telecommunications (TC RT) was provided in July and a request for extension was made in October.

ETSI, led by TC CYBER Security, collaborated closely with the CEN/CENELEC SR Ad-hoc Group (SRAHG) to provide input to the draft standardisation request in support of union policy on cybersecurity requirements for products with digital elements under the Cyber Resilience Act (CRA), which entered into force on 10th December 2024. ETSI provided comments in October and established the TC CYBER-EUSR Working Group dedicated to this topic.

Following the Commission's presentation on On-line Age Verification at the Committee on Standards on 15 December 2023, Technical Committee Human Factors (TC HF) held preliminary discussions with CNECT G.3. TC HF expects to co-ordinate with CEN & CENELEC, as well as TC Electronic Signatures and Trust Infrastructures (TC ESI) for digital identity and TC CYBER Security for privacy issues. ETSI is ready to comment on a draft SReq when it becomes available.

ETSI, led by TC EMC and Radio Spectrum Matters (TC ERM), provided preliminary comments to the consultation on the draft SReq on charging interface and charging communication protocol for radio equipment capable of being recharged by means of wireless charging (Directive 2014/53/EU) in July. Following additional discussions, ETSI informed DG GROW in October that there was no further interest in this SReq which only addresses article 3(4), sixth subparagraph, of that Directive 2014/53/EU. ETSI offers to co-operate with other ESOs on any work that would interface with its work on other parts of that Directive (e.g. under M/552 and M/536).

Led by TC EE, ETSI submitted comments to the draft standardisation request for products in support of Regulation (EU) 826/2023 laying down ecodesign requirements for off mode, standby mode, and networked standby energy consumption of electrical and electronic household and office equipment in June. Of the four deliverables in this revision of M/544, ETSI will work on one in conjunction with the CEN CENELEC SRAHG.

Led by TC SmartM2M, ETSI submitted comments to the draft standardisation request regarding a European Trusted Data Framework in support of the Data Act Regulation (EU) 2023/2854 in August 2024. In 2025 this work will continue in the new ETSI TC DATA Solutions.

For the draft SReq on Lighting products, ETSI informed the EC in July that this work was considered out of ETSI's scope of activities.

For the draft standardisation request on Machine Regulation (EU) 2023/1230, ETSI submitted comments in July, led by TC Securing Artificial Intelligence (TC SAI).

For the consultations on amending standard EN IEC 63000:2018, and the consultation on draft SReq on methane emissions in oil, gas and coal sectors, both were considered out of ETSI scope. ETSI responded to the EC in October on the amendment of an adopted standardisation request on air quality stating it was out of the scope of ETSI's current activities.

ETSI accepted the draft standardisation request on digital product passports in support of Union policy on ecodesign requirements for sustainable products/batteries/waste batteries in August (M/604). TC EE is collaborating with the new CEN/CLC JTC 24 without creating ETSI NWIs. The joint ESOs annual report was submitted in December.

One Technical Report requested under the Standardisation Request in support of the European Accessibility Act (M/587) under development by the CEN/CLC/ETSI Joint Technical Body on eAccessibility (operating under Mode 5 of the ESOs Cooperation Agreement) was approved. The ESO's second yearly report was sent in September.

The revision of M/526, the draft SReq on climate adaptation in support of Regulation (EU) 2021/1119 was sent to CEN and Cenelec, and ETSI also provided comments.

On request of the European Commission, ETSI has also restructured its reports on M/522 (Directive 2014/30/EC) and M/536 -2014/53/EC) and submitted reports in the new format in January 2025. Articles 10(5) and 10(6)

N/A.

Article 15: Financing of standardization organizations by the Union

The Operating grant is an agreement that aims to support ETSI as an ESO, by providing co-financing on a portion of the ETSI Secretariat total operating costs.

ETSI agreements signed in 2023 & financing arrangements (Articles 15 & 17)

Type of Agreement	# Proposals	Total amount submitted to EC/EFTA	#Contracts	#contracts mandated	Total amount committed by EC/EFTA	EC DG in charge	EC co-funding part	Related article of Regulation 1025/2012
Operating Grant	1	158 k€	1	N/A	158 k€	DG GROW	150 k€	Art. 15(1 d)
Total		158 k€			158 k€		150 k€	

Type of Agreement	# Proposals	Total amount submitted to EC/EFTA	# Contracts	#contracts mandated	Total amount committed by EC/EFTA	EC DG in charge	EC co-funding part	Related article of Regulation 1025/2012
Action Grants 1 st call	5	3 216 k€	5		3 136 k€	DG GROW/EISMEA	2 979 k€	Art. 15(1 a)
Action Grants 2 nd call	0	0						
Action Grants 3 rd call	1	1 660 k€			<i>Proposal submitted in collaboration with CEN-CENELEC under evaluation</i>	DG GROW/EISMEA		Art. 15(1 a)
Total		4 876 k€			3 136 k€		2 979 k€	

The specific agreements are action grants provided by the European Commission via its executive agency EISMEA, to support some standardization related activities in particular the development of some ENs and European Standardization Deliverables (ESD) requested by the European Commission and in support of public policy issues.

Article 17: Financing arrangements

Article 17(1(a(i))): grants without a call or contracts after public procurement procedures to ETSI and national standardization bodies.

This article didn't apply to ETSI in 2023.

Article 17(1(a(i))) As per Regulation 1025/2012, the ESOs are designated beneficiaries and therefore ETSI can receive from EISMEA (Executive Agency entrusted by DG GROW with action grants management since 1st of April 2021) direct invitation to submit proposals for action grants without the need to answer to a call after public procurement. However, to comply with the procurement rules, those selected follow defined procurement rules.

Article 17(1(a(ii))): grants without a call or contracts after public procurement procedures to other bodies to carry out preliminary or ancillary work in connection with ETSI European standardization.

This article is not applicable to ETSI.

Article 17(1(b)): grants after a call for proposals, or contracts after public procurement procedures to other bodies [Article 15(2(b))] to carry out certain activities [Article 15(1(a), (1(c) and (1(g))] in connection with European standardization

This article is not applicable to ETSI.

Article 17(2): ways of financing activities referred to in Article 17(1)

Article 17(2) related to the ways of financing activities has been illustrated above within the Article 15.

Article 17(3): Not applicable.

Article 17(4): lump sums for activities referred to in Article 15(1(a)) and (1(b)), and fulfilment of conditions for activities referred to in Article 15(1(a)).

The former Commission Decision C(2015)3697 enforcing the application of a lump sum methodology to eligible costs for action grants, expired on 31, December 2020.

A Framework Partnership Agreement with the EC and EFTA was signed with DG GROW on 24, June 2021 under the reference SMP-ETSI_FPA-OG_2021-2024. It has a duration of 4 years with an ending date on 31, December 2024 and is applicable to Operating Grant only. Since 1st of April 2021, the actions grants are dealt with by the European Innovation Council and SMEs Executive Agency (EISMEA). The actions grant transferred by DG GROW to EISMEA under the "lump sum" regime have all come to end in 2022.

As no Framework Partnership Agreement is required any longer in the context of Action Grants, all new agreements signed the costs eligible to reimbursement by EISMEA are on the basis of cost actually incurred. Only travel costs declared for ETSI staff are dealt with under the "unit cost" model since 2023

Article 17(5): common cooperation objectives and administrative and financial conditions relating to the grants awarded to ETSI.

This is covered by the Framework Partnership Agreement (FPA) signed between ETSI and the EC in 2021 for the Operating Grant and by each Grant Agreement for the projects funded via EISMEA or other EC's services.

Article 24(1(b)): Representation of SMEs, consumer organizations and environmental and social stakeholders in national standardization bodies (NSBS)

Article 24(1(b)) of the Regulation requires detailed information on the representation of SMEs and environmental and social stakeholders in national standardisation bodies.

Preamble/disclaimer: The present report builds on the input of 35 NSOs, spanning more than the EU/EFTA scope of Regulation 1025/2012.

Representation at policy level

The following table shows the percentage of ETSI NSOs where stakeholders are represented:

Stakeholder groups	Number of ETSI NSOs where stakeholders are represented	Comparison with 2023 (-6 participants)
SME	26	Similar
Consumer	23	-1
Environmental	21	-4
Social	18	-7

Source: 37 NSOs

	# of NSOs where participation is foreseen	# of NSOs where participation is encouraged*	# of NSOs where Consumers are represented	% of NSOs where Consumers are represented
SMEs	23	26	26	70,27 %
Consumers	22	27	23	62,16 %
Environm. Stakeholders	21	25	21	56,76 %
Social Stakeholders	21	27	19	51,35 %

Source: 37 NSOs

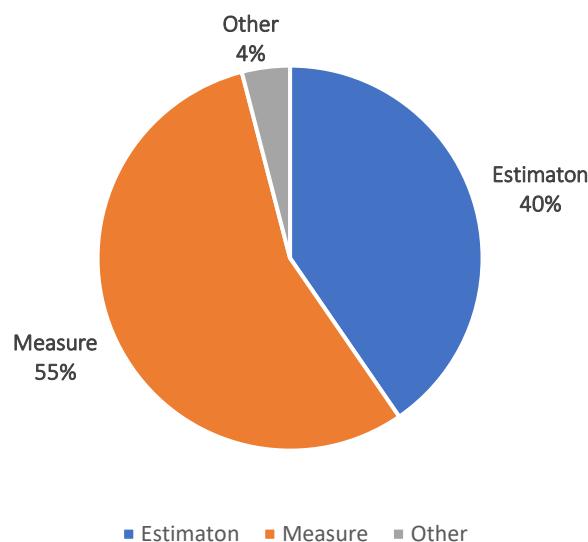
* *Participation of SMEs is promoted (e.g., proactive contacts)*

Representation at Technical level

Stakeholder group	Number of national technical bodies, where such participation is considered as relevant / total technical bodies	National technical bodies with interests represented / national technical bodies considered relevant for Stakeholder Groups
SME	70,24 %	89,06 %
Consumer org.	11,16 %	62,98 %
Environmental	8,93 %	52,09 %
Social	9,67 %	69,05 %

Source: 37 NSOs

These figures were obtained by the following means:



The following comments were submitted:

- **AFNOR:** SMEs represent the vast majority of stakeholders. It is fair to estimate that there are SMEs in every each of what you call "national technical bodies". This year, experts groups have been taken into account.
- The **ASRO** Board of Directors includes representatives from Romanian SMEs, and ASRO actively seeks to engage others through various promotional actions and campaigns.
- **ASI:** Representation of economic chamber of commerce representing SMEs in General assembly and in the presidential council and its Committee for Construction Rules as well as in its Committee on Research, Innovation and Standardisation. Most of the Austrian companies (99.7 %) are SMEs and often nominated by trade associations and economic chamber of commerce. Representation of Fachstelle "Normungsbeteiligung", Association for Consumer Information in presidential council, including environmental aspects and social stakeholder aspects. In addition there is the dedicated committee on Consumer affairs of the presidential council of Austrian Standards International. On January 1, 2023, the "Federal Law on a Specialist Agency for the Representation of the Interests of Consumers and People with Disabilities in Standardization (Specialized Agency for Standardization Participation Act – FNBG)", Federal Law Gazette I No. 218/2022, came into force. This created an institution that - without itself being a standards organization - monitors the development of national, European or international standards (e.g. ÖNORMEN, EN, ISO...) and works on standardization projects within the scope of its possibilities. The interests of consumers should be protected, for example with regard to safety. The second focus is the representation of people with disabilities in standardization projects. Representatives from this body participate in the presidential council of Austrian Standards. Yearly stakeholder analysis causes proactive consultation for participation and information about new activities (NWIP and revision of standardization projects). Due to organisation internal reviews (priority setting) outside the sphere of influence of Austrian Standards the degree of participation may vary such as for social and environmental stakeholders (facing external funding challenges).
- **asut:** There is only one special committee with about 60 continuous members for all ETSI Standardization aspects and process on technical and policy level but several committees with different topics (Sustainable ICT / IoT/ Smart Grid / Smart Metering / Mobility / Data centre / Industrie 4.0 / Infrastructures, Security / Communication Infrastructures etc.), which also take care of standardization aspects.

- **BSI:** In addition to the participation of SMEs in our national technical committees, BSI has a Standards Policy and Strategy Committee (SPSC), the senior independent advisory committee to the BSI Group Board, which has oversight of BSI's entire standardization programme. A number of SPSC members consider the needs of SMEs as part of their remit. SPSC also has various industry representatives who consider the needs of SMEs in their sectors. BSI also established a forum to mirror the CEN/CENELEC Industry Advisory Forum and this group includes a SME representative.
BSI implemented a marketing partnership with the Federation of Small Businesses, the UK's largest organisation representing the interests of small and medium-sized businesses. The partnership allowed us to communicate the benefits of standards to its members. This will continue into 2024 and include a webinar and the piloting of a new commercial offer for small businesses to access standards. We envisage that this will progress into a longer-term relationship to help SMEs use standards and get involved in their development. Together with Innovate UK, the UK's innovation funding agency, BSI provides access to standards for innovative SMEs working with Innovate UK, and during 2024 will launch the Standards Challenge Fund, aimed at innovative SMEs.
BSI considers that SME participation is vital to all standards development work. Because BSI's national committees work on a nominating organization model (not one of direct company nomination), we consider it reasonable to estimate that at least 70 % of BSI's technical committees have SME representation, to reflect the proportion of SMEs in the UK economy. We believe that outreach measures, as described at Q4 are an effective means to increase SME awareness of standards and participation in standards-making.
BSI's Consumer and Public Interest Network (CPIN) operates independently, with financial support from BSI and government, and supported by BSI staff. It has now operated since 1951, and recruits experts to participate in BSI's standards committees and ensure that the consumer voice is heard. It identifies committees and standards projects of interest to highlight key consumer issues, ensure that problems are addressed, seek to minimize the risk of consumer harm, and make a positive difference to consumers' lives. CPIN's priority areas are based on the overarching priorities of UK consumer and public interest organizations: inclusivity, digital and privacy, services, sustainability, and safety. CPIN comprises over 50 consumer representatives, including a Chair, Steering Group and Coordinators, focusing together on the five consumer priority areas. Decisions on participating in the development of standards are made by the Steering Group, which takes into account consumer detriment and the potential to contribute to consumer rights. CPIN collaborates with other consumer organizations that are represented in standards development. Government funding, from the Department for Business and Trade (DBT), covers travel, accommodation, and related expenses of CPIN representatives engaged in standards development process , as well as supporting CPIN with training, research and publications. CPIN works closely with European and international organizations to ensure maximum impact from its work in standards, for the benefit of consumers. This includes a close working relationship with ANEC, enabling a UK consumer voice to contribute directly to ANEC policy positions and its representation on European standardization. CPIN also participates in the work of ISO COPOLCO (ISO's consumer policy committee), CEN-CENELEC and Consumers International, of which it is a supporting member. Alongside CPIN, BSI's Consumer Forum provides a means for BSI to engage at a policy level with all the major consumer representative organizations and government.
BSI has now also established its Sustainability Standards Network (SSN), which aims to enable greater participation of experts from the environmental and public sustainability sectors in standards development activities.
The participation's figures are derived in part from previous years' measures, together with estimates for participation. BSI's commitment to the ISO London Declaration means that we are constantly striving to reflect climate science in the work of our national technical committees.
- **CEI** is continuing to adopt specific measures to develop the awareness of the users on the importance and the needs of the knowledge of the role of the Standardization. CEI website permits the access to the information, the clarity and the transparency, in line with the requests of our stakeholders, including SMEs. All the Full Members of CEI Association (see Category "Full Members" – link: <https://www.ceinorme.it/associazione/socio-effettivo/>) can take part in the CEI Assembly.

Since many individual SMEs and SME Associations are Full Members of CEI, they can participate in the CEI Assembly. The CEI Council foresees the participation of representatives of CEI Full Members which are elected by the CEI Assembly. Councillors, who are representatives of SMEs Associations according to the provided definitions, are present as well. The new “Small and medium-sized business space” is accessible into the CEI website using the link dedicated to SMEs: <https://www.ceinorme.it/adempimenti-al-regolamento-ue-1025-2012/spazio-piccole-medie-imprese/>.

Also in 2024, under the periodical review of national TCs/SCs list, new national TCs/SCs has been added and/or modified and/or grouped for a better functionality, according to the National stakeholder needs and the mirroring of the international and European bodies. This periodical review of national TCs/SCs list improve the efficiency of the standardization work. Attention to SME needs have been duly considered in this review. SME are represented with a relevant percentage of our stakeholders.

The ANAGRAFICA database permits to classify the stakeholders represented by each expert (SME, Authorities, etc.) to evaluate if there is an appropriate representation of stakeholders' interest.

- **CRC:** BDS is the national standards body responsible for organizing and coordinating standardization activities in the country and TCs. N/A for CRC.
- **CYS:** Environmental and social stakeholders, along with weaker societal stakeholders, actively participate in the CYS Standardization Advisory Committee (SET). Meanwhile, the consumer association has a designated representative within the CYS Board of Directors. Both the Standardisation Advisory Committee and the Board of Directors serve as key policy-making bodies within CYS, ensuring diverse representation and balanced decision-making.
 - Of the 73 national technical committees where SME involvement is considered relevant, SMEs are represented in 51 (65.38 %), either directly or through their associations. The remaining 45 technical committees are not of interest to SMEs or deemed relevant to their activities. During the measurement process conducted within the national technical committees category, CYS incorporated the National Technical Committees, their Subcommittees, the Mirror Committees, and their corresponding Subcommittees.
 - Consumer organizations are represented, either directly or through associations, in 30 out of the 37 national technical committees deemed relevant to their interests, achieving a participation rate of 81.08 %. Environmental stakeholders are represented, either directly or through associations, in 4 of the 21 national technical committees where their involvement is considered relevant, corresponding to a participation rate of 19.05 %. Societal consumer stakeholders are represented, either directly or through associations, in 12 of the 20 national technical committees identified as relevant to their interests, reflecting a participation rate of 60 %.
- **Dansk Standards** has one national committee that covers all of ETSIs technical work. Representation by business associations.
- **DPS:** One of the managing body of DPS is the Managing Board (MB), which has the majority number of representatives and is chaired by SMEs/private sector. The number of representatives of MB are 11. The Managing Board is responsible for policy matters for the field of standardization in Albania and has decision making role at policy issues at DPS. The Board is established since 2010 and is fully functional. It gathers at least 2 times per year being fully in-depth of the objectives and progress of DPS regarding the standardization field and its full membership in all ESOs. Most of the TCs have representatives and are of interest of SMEs. DPS Managing Board has representative from Albanian Consumer Association. Environmental and social stakeholder's participation at policy level is promoted and encouraged through direct contacts.
- **ELOT:** Participation of these stakeholders at policy level is foreseen for 2025, through the activities of the National Standardization Council.

- **ILNAS** is a public administration, no external stakeholders are actively involved at policy level. The number of national technical committees where interests are represented does not take into account the representation of SMEs in WGs, but only in TCs and SCs. In order to determine the number of committees for which representation is considered relevant, the information from document "RegRep_N14_Rev1" related to the representation of SBS has been used.
- **IPQ:** It is not applicable since IPQ is a public entity under the Ministry of Economy. The participation figures are obtained by direct measurement from our database of compositions (technical committees (national pure and mirror.) The data refers to all Portuguese TC, not only ETSI mirror.
- **ITS** has encouraged the national consumer organisation and the responsible consumer administration to actively participate in standardisation, but neither has shown interest in ETSIs/ITS activities.
- **LST:** SMEs are represented in the Standardization Council. Consumer Organizations, Environmental and Social Stakeholders are represented in the Standardization Council.
- **MCCA:** There are a very limited number of organisations in this sector in Malta.
- **MSZT** council has a set number of seats for all different types of stakeholders to ensure interests are balanced. It is not known if there are any TCs where SMEs are not represented in high numbers, given that SMEs make up the overwhelming majority (over 90 %) of MSZT members. The council has a set number of seats for all different types of stakeholders to ensure interests are balanced.
- **NBN** has one mirror committee for all ETSI-related standardization work. In the foreseeable future, NBN seeks to expand this to several mirror committees to better map the national activities with ETSI structures.
- **NKOM:** SMEs are not represented at policy level within our organization. Nkom is a public authority, distributing information about ETSI standardisation, and anyone interested in standardisation may contact NKOM about standardization issues if they like. There is only one national technical body. Consumer organisations, environmental and social stakeholders are not represented at policy level. However, NKOM can be contacted for dialogue about standardisation issues if necessary. Participants represent industry, various authorities, the Norwegian association of the deaf and the Norwegian local radio association.
- **NSAI** is governed by a Board, (see <https://www.nsai.ie/about/our-governance/>) whose members are appointed by the Minister for Enterprise, Trade and Employment from among those interests involved in the process of standardisation and certification of commodities, processes and practices, without any single interest predominating, taking into account guidelines issued from time to time by the Government and, in particular, providing for staff-representation on the Board. Annually, the Board advises the Minister on the sectors and interests from which NSAI would like to draw representation. Vacancies on the NSAI Board and other state bodies are publicly advertised and processed through the Public Appointments Service (PAS). The Board, with the NSAI Management formulate NSAI's direction and strategy, which is advised to the Minister. NSAI has close relationships with national business representative groups, two of which ISME and SFA, represent Irish SMEs.
The participation's figures are based on counting and reviewing the national technical committees in our database records for which representation is considered relevant and then counting the number of national technical committees where interests are represented. This year WGs were not included which may mean some representation has not been accounted for.
- **OVE:** Participation/Representation is foreseen in the ToR: for the Standardization Board (Committee of Action) and for the Technical Advisory Body. Due to free access for SMEs to participate, their representation in all technical committees is to be expected.

- **PKN:** The composition of The Standardization Council at the Polish Committee for Standardization is regulated by the Act on Standardization and determined by election every four years among the representatives of various categories of stakeholders specified in the Act. Representatives of Consumer Organizations are foreseen directly in the Act on Standardization. Representatives of Environmental Stakeholders and Social Stakeholders may be represented in the Standardization Council if they express the willingness to become the member of the Council and if they are elected. Number of national technical committees in which interests of SMEs are represented was calculated on the basis of the data from PKN's database. Number of national technical committees for which SME representation is considered relevant was estimated as equal to the number of committees in which SMEs are actually represented (voluntary membership). This approach was adopted because of free of charge membership in the national technical committees SMEs have unlimited and indiscriminatory access to these committees, whose work they consider relevant to their interests.
The participation's figures were obtained through the analysis of the list of all members of national technical committees. Our database includes only the category of organizations whose statutory purpose is to protect consumers' interest. Representation of stakeholders from other groups was based on the analysis of all members of national technical committees. Number of national technical committees for which representation is considered relevant was estimated, as in the case of SMEs, based on the assumption of the significance of these committees, where selected organizations are members.
- **UNE** is governed by the General Assembly, the Executive Board, the Standing Committee and the President of the Association. Any/all private individuals, bodies corporate or public or private institutions expressing a particular interest in the development of standardization and certification may apply for the status of member of the association in each of the classes specified in this article. The governance model of the Spanish Association for Standardisation (UNE) is structured by sectors of activity as established in Royal Decree 2200/1995, of 28 December, which approves the Regulation of the Infrastructure for Industrial Quality and Safety in its article 10 "Conditions and requirements of organisation and operation" letter c): Contain in its organisational structure governing and representative bodies where all sectors and interests of economic and social activity participate in standardisation in a balanced way and a representation of the Public Administrations appointed by the Industrial Safety Coordination Council, with an equal number of representatives of the General State Administration and the Autonomous Administration. Specifically, of the 77 members provided for in the Board of Directors, 59 of them correspond to Corporate Members (business organizations representative of the economic and industrial sectors), through which SMEs are represented. There are also 7 members held by adhered members (companies and institutions) elected by transparent and democratic electoral processes, in which UNE cannot carry out any type of active or proactive action or action. General Assembly: The General Assembly is the supreme body of UNE and it comprises:
 - All members of the association, which can be Corporate Members that means, professional business organizations representing industrial and economic sectors, that are representing SMEs in most of the cases (indirect representation). Also private enterprises (direct representation) can be UNE members (Institutional members) and some of them are SMEs.
 - All the representatives of the Public Administrations that form part of the Governing bodies of UNE in accordance with current legislation. Executive Board: The composition of the Executive Board shall correspond to the following distribution.
 - Ten members representing the Public Administrations, designated in accordance with current legislation.
 - The rest of the members shall be representative of the members of UNE, elected as indicated in the Regulations on its Internal Regime, including associations (indirect SMEs representation). Standing Committee: The standing committee shall comprise the President and a minimum of nine members taken for those members of Executive Board.

Therefore SMEs are, directly and indirectly, represented at policy level.

SMEs: There is direct and indirect representation of SMEs (through associations or federations). These figures are obtained by direct measurement from our database of compositions (technical committees (national pure and mirror)).

Consumer Organizations: Corporate Members of UNE shall be professional business organizations representing industrial and economic sectors, as well as associations of consumers and users at state level.

The Ministry of Social Rights, Consumer Affairs and the 2030 Agenda, through the Directorate General for Consumer Affairs, has been a member of UNE's Board of Directors since 1993.

Environmental Stakeholders - In the Standing Committee:

-Spanish Federation of Recovery and Recycling (FER)

On the Board of Directors: -Ministry for the Ecological Transition and the Demographic Challenge (MITECO)

-Spanish Federation of Recovery and Recycling (FER)

-Technical Association for Waste Management and the Environment (ATEGRUS)

At the General Assembly, in addition to the above:

-Association of Waste and Special Resources Management Companies (ASEGRE)

-Associated AMBILAMP -Center for Energy, Environmental and Technological Research (CIEMAT)

-CIRCE Foundation

-ECOLUM Foundation (ECOLUM)

-Green Building Council Spain (GBCE)

Societal Stakeholders: At the General Assembly: National Institute for Occupational Safety and Health (Its Standing Committee is made up of 9 representatives, 3 of them representing the Trade Unions).

Further clarifications/explanations (optional – e.g. relevance of participation, specific activities to encourage representation):

The participation's figures are obtained by direct measurement from our database of compositions (technical committees (national pure and mirror)):

Societal Stakeholders: In 2024, actions have been carried out with the Workers' Trade Union (USO), promoting knowledge of standardisation activity and its participation in UNE's technical bodies. They will be incorporated into the following technical bodies: CTN-UNE 314 Resource Management, CTN-UNE 158 Unit and CTN-UNE 81 Health and Safety. In addition, Comisiones Obreras (CCOO) participates in 16 OOTTs and the General Union of Workers (UGT) in 8.

Consumer Organizations: The information for identifying national technical committees for which representation is considered relevant is based on the information that CECU (consumer and user federation) has sent to UNE, regarding the areas and typologies of regulations where they consider the presence of consumers/users most necessary, information that derives from what is established by ANEC.

Environmental Stakeholders: The information for identifying national technical committees for which representation is considered relevant is based on the areas that both ISO/IEC and CEN/CLC have identified as priorities to review their standards and include environmental aspects. New 2024: There are two tools that help UNE to identify interested stakeholders and to keep the adequate balance in national technical committees: a) Feasibility study: which is prepared for each new standardization area, containing a table for the agents of interest, B) Impact study: which is carried out for new pure national standards, and involves the analysis of the stakeholders already represented in the OT, and if it would be necessary to include any other.

- **UNMS SR**: SMEs are represented in the Council of Standardization (Chamber of Electrical Engineers of Slovakia, the Slovak Chamber of Civil Engineers). The stakeholders are not represented in the permanent expert advisory body of the President of the Slovak Office of Standards, Metrology and Testing - the Council for Standardization because they have not nominated their representatives and the number of the delegates in the Council for Standardization is limited to 15 members.

Article 24(1(c)): Representation of SMEs

Article 6(1): Access of SMEs to standards

The majority of NSOs indicated that their activities are relevant to SMEs, which represent the predominant stakeholder group. Some mentioned that up to 90 % of industries in their countries fall under the SME classification, yet not all stakeholders specifically target SMEs with dedicated measures.

Many NSOs reported that they view SMEs' participation as essential across all their national committees, given that SMEs constitute around 90 % of enterprises.

Article 6(1(a)): Giving access to standardization activities without obliging SMEs to become a member of a national standardization body

Do you identify standardisation projects which are of particular interest to SMEs?	
YES	62 %
NO	38 %
PLANNED	

Source: 37 ETSI NSOs.

How are standardisation projects which are of particular interest for SMEs indicated?	
Indication in the annual work programme	29,27 %
Indication through website	31,71 %
Through dedicated mailings	24,39 %
Other	14,63 %

Received comments:

- **ASL:** work Programme dedicated to different stakeholder categories, incl. SMEs: <https://normen-entwurf-portal.austrian-standards.at/action/de/public/nationalesArbeitsprogramm/projectProposals>; In the project proposals relevant stakeholders, including SMEs, have to be indicated. When a national standardisation committee acts as a mirror committee to CEN, ETSI and/or ISO relevant stakeholders (including SMEs) have to be identified and encouraged to comment on NWIP and to participate actively in the committee.
- **CYS** actively disseminates information to Small and Medium-sized Enterprises (SMEs) regarding specific standardization activities through a variety of communication channels. These channels include CYS's social media accounts, where they share updates, insights, and highlights related to ongoing standardization efforts. Additionally, CYS develops press releases and publish articles to regularly provide SMEs with comprehensive information on current standardization projects, changes, and developments.
- **Dansk Standards** does dedicated campaigns directed to Danish stakeholders in general when relevant and cooperation/information with cluster organisations, industry associations, authorities etc. Due to the Danish Industry structure this includes mainly SMEs.
- **DPS:** Many of the European standards proposed by the Technical Board are of great interest for their SMEs.

- **ILNAS**, with the EIG ANEC, the national Agency for Standardisation and Knowledge-based Economy, provides support and coaching to stakeholders interested in standardization. Several tools and trainings have been developed since 2011 and continuously evolve in order to meet the market needs and in order to ensure an active participation of SMEs at national level. These services are mostly free of charge, but not exclusively for SMEs.
- **ITS**: Whenever there is a standard that we have identified as particularly interesting for SMEs, we add that information when we inform about the deadlines for comments.
- **MCCAA**: Standardization projects are mainly identified by the interested parties not by MCCAA.
- **MSZT**: Concentrating on this issue via the use of a product called the newsletter. Freely available to any subscribers. As a result of the recommendations of the peer review audit, standardisation projects are indicated in the work programme..
- **NEN** considers all standardization subjects of interest to SMEs.
- **NSAI** considers the majority of projects of relevance to SMEs and makes the national program available on our website and drafts for all SDOs are freely available during the public enquiry process. The NSAI Annual Work Programme is available through the following link <https://www.nsai.ie/standards/standards-committees/new-projects-under-development/>.
- **Traficom**: There are SMEs in more or less all different fields of standardisation and the interests are very SME specific. No areas have been identified as being of particular interest to SMEs.

Source: 37 ETSI NSOs.

Article 6(1(b)): **Giving access to standardization activities without obliging SMEs to become a member of a national standardization body.**

Do you give access to standardization activities without obliging SMEs to become a member of a national standardization body?	Result
YES	97 %
NO	3 %
PLANNED	

Source: 37 ETSI NSOs.

What access is provided	
Direct participation in the national technical committee	24,58 %
SME helpdesk	14,41 %
Online support	11,86 %
Consultation of text of standards	20,34 %
Commenting on drafts	25,42 %
Other	3,39 %

Comments that were submitted:

- **ASI**: Service for SMEs: meinNormenPaket (see Q.15), meinNormenAbo offers convenient online access to all Austrian standards – at a fixed price meinNormenRadar (The online solution for visualizing standardization cycles), effects light, literature and inspection books, Supplements to standards.
- **CRC**: Bulgarian institute for standardization (BDS) is responsible for TCs. BDS provides access of the SMEs representatives to the work and projects of TCs.

- **CEI** offers a specific SME Area into the new CEI website: this section of its website to present information, news, documents, products and services on technical standardisation dedicated in particular to Small and Medium sized Enterprises (SMEs). For many years CEI has been addressing SMEs as a fundamental and dynamic interface relatively to technical standardisation and spread of technical-scientific knowledge promoting initiatives and developing channels of mutual and profitable collaboration such as: - active involvement of SMEs and relevant Trade Associations in the standardisation activities, through representatives nominated as members of Technical Committees - targeted dissemination of standardization documents; - direct access to standardization documents subject to Public Inquiry; - preparation of technical application Guides (also subjected to Public Inquiry) relating to CEI and CEI EN Standards on topics of specific interest - development of application software for the correct implementation of the normative documents - preparation of divulgated documents dealing with particular applicative topics, thus welcoming precise requests coming from this sector, or stemming from the implementation of European Directives - organisation of nationwide training events (conventions and seminars), free of charge, and other permanent education initiatives for the correct interpretation and application of CEI standards and technical Guides - setup of ad hoc planned education activities (free of charge) in synergy with the needs of update and information of the Italian industry - wide offer of training courses for a correct understanding, interpretation and application of CEI standards and guides - possibility of presenting technical questions on the normative documents for their correct interpretation and application - signature of collaboration protocols with representative Trade Associations with a predominantly SMEs composition for the promotion and technical knowledge and for economic facilitations to the benefit of operators (particularly subscriptions to collections of standards of specific interest) See the link: <https://www.ceinorme.it/adempimenti-al-regolamento-ue-1025-2012/spazio-piccole-e-medie-imprese/>.
- **CYS**: ETSI Standards are free of Charge and free access support. In addition CYS has entered into a three-year agreement (2023–2026) with the Ministry of Energy, Commerce, and Industry to provide a special subscription scheme designed for Small and Medium Enterprises (SMEs) registered in the 'Company Registry and Official Receiver' and operating in Cyprus. Through this program, participating SMEs can annually access five standards of their choice, including European standards (CYS EN / CYS EN ISO / CYS EN IEC), adopted international standards (CYS ISO / CYS IEC), and purely Cypriot standards (CYS). Additionally, companies seeking to acquire more than five standards can benefit from special discounts. The previous limitation, which allowed only 1,000 SMEs to participate, has been removed, ensuring that all eligible SMEs can take advantage of this initiative.
- **Dansk Standards**: Any SME can become member of a Danish national mirror committee but they have to pay the committee fee. From 1 January 2025, new members from companies with less than 100 employees will receive - 50 % discount the first year - 50 % discount the second year - 25 % discount the third year. The discount model applies to new members who have not participated in the committee within the last two calendar years.
- **DPS**: Communication with SMEs is continuously aiming to hear their voice in detail.
- **ELOT**: Participation in technical committees via SMEs associations.
- **ILNAS**: The participation in the standardization process is free of charge in Luxembourg. No fees are expected by ILNAS allowing all economic and societal stakeholders to take part in the process, but a registration is necessary.
Moreover, ILNAS offers, with the help of the EIG ANEC, a lot of services in the field of standardization free of charge.
A read-only access to standards is offered for free in some locations via our lecture stations (total of 9 available at national level).
Furthermore standards analysis are/will be offered for the sectors covered by our national standardization strategy 2024-2030, as well as different white papers on related topics.
The Luxembourg economic model relies on the small scale sector, principally based on SMEs.

- **ITS:** If SMEs want more service, very low membership fees for SMEs and a free newsletter are offered.
- **Lithuanian Standards Board (LST):** Consultations are provided for texts of pure national standards.
- **MSZT:** This is limited since membership fees for SMEs are very low, thus not serving as a limiting factor. Membership helps us identify our stakeholders. However, participation in working groups is possible without membership.
- **Nkom:** Anyone can comment on documents during national enquiry/national vote.
- **NSAI:** In order to get access to documents being developed, an SME is required to become an NSAI expert. There is no charge for becoming an NSAI expert.
- **Traficom:** All working groups are free of charge there is no kind of membership structure.

Source: 37 ETSI NSOs.

Article 6(1(c)): Providing free access or special rates to participate in standardization activities

SMEs benefit from free access to participate in standardization activities in a clear majority of cases.

Does free access or special rates to participate in standardisation activities are provided?	
YES	95 %
NO	5 %
PLANNED	

Source: 36 ETSI NSOs.

The following provides details about the ways in which SMEs are able to participate and receive special rates from NSOs:

How access was given	
SMEs have free access to all standardisation activities	27,91 %
SMEs get special rates for participating in national TBs	10,47 %
SMEs get special rates for attending workshops	11,63 %
SMEs get special rates for attending training sessions	11,63 %
SMEs get special rates for purchasing brochures, leaflets	6,98 %
SMEs get special rates to use logistics (meeting rooms, promotional materials, etc.)	5,81 %
SMEs get special rates for discount prices to members/subs	19,77 %
Other	5,81 %

Comments that were submitted:

- **AFNOR:** Participation to French standardisation is free of charge for SMEs under 2 conditions: 1. they should employ less than 250 staff 2. and they should not be owned by more than 25 % to a company of more than 250 staff (Article 12 of the French ministerial order 2021-1473 on standardisation).
- **ASL:** Due to the Austrian law on standardization charging a participation fee is prohibited since 2016-01-01 (only between 2014 and 2015 there was a moderate participation fee).
- **CRC:** Bulgarian institute for standardization (BDS) provides preferences and special rates for SMEs.

- **CYS:** All the attendees in training sessions (including SMEs) get special rates for specific standards that are covered in the training material. Draft standards are sent to interested SMEs through emails.
- **Dansk Standards:** Discount for all companies with less than 100 employees for national mirror committees: - 50 % discount in the first year - 50 % discount in the second year - 25 % discount in the third year Training sessions at DS-Universe is free of charge for all.
- **DPS** does not yet plan/organize paid activities, but in implementation of EC Reg.1025/2012 they have it into consideration.
- **ILNAS:** A registration is necessary in order to be able to participate in technical committees.
- **ITS** has never gotten any complaint about their prices, because most of their services are free. SMEs only need to become members if they want to vote, not if they only want to comment.
- **Lithuanian Standards Board (LST):** 20 % discount for national, adopted European and international standards. 30 % discount for the purchase of more than 3 national, adopted European and international standards.
- **MCCAA:** Information/Training sessions are carried out during the first Technical Committee meeting in a new standardisation project.
- **NEN:** Effective the 1st of January 2024 a new pricing model has been implemented, which entails reduced rates for specific categories of stakeholders, among which micro-SMEs and independent entrepreneurs.
- **NSAI:** SMEs have free access to all standardization activities. NSAI sales of standards are competitively priced with tariff options for purchase of multiple standards. In addition, by payment of an annual charge, a tailoring update service is available where businesses can receive updates on standard revisions for view or automatic purchase.
- **Traficom:** SMEs as any other organisations have free access to all standardization activities.

Source: 37 ETSI NSOs.

Article 6(1d): **Providing free access to draft standards**

100 % of NSOs provide free access to draft standards	
Draft standards can be consulted in the organisation (library)	39,06 %
Online access	45,31 %
Other	15,63 %

Submitted comments:

- **ASI:** <https://reader.austrian-standards.at/ReviewDocumentsList.action?locale=en> where one can read also the comments from other parties as well as how each comment was resolved by the national technical committee.
- **ILNAS:** Every interested stakeholder can consult draft standards for free on our lecture stations. Additionally, users can see public enquiry documents in our e-shop and make comments: <https://ilnas.services-publics.lu/ecnor/facetSearch.action?textSearch=&published=false&project=false&cancelled=false&enquiry=true>.
- **MCCAA** provides online access, with time limitations, to draft standards.
- **MSZT** published the standard lists under enquiry, on their website.

- **NSAI** makes each draft available through the 'Your Standards, Your Say system', each draft is available for public comment for a set period and can be viewed through the following link <https://www.nsai.ie/standards/your-standards-your-say/> without becoming an **NSAI** committee member.
- **Traficom**: New national standards are not made, but in principle, if they were, the drafts would be available free of charge.
- **UNE** enquiry portal: <https://srp.une.org> (e-comments project of CCMC, co-financed by EC and EFTA) Additionally:
 - for members of national bodies interested in a specific draft, this is free available via e-comités (livelink) for consultation and comments.
 - For general public, drafts can be consulted in <https://srp.une.org/>.
- **UNMZ** work programme is monthly published in the UNMZ's Official Journal. UNMZ provides free access to draft standards on request. Members of the NSB have free online access via web platform to draft standards.
- **NBN**: All ETSI draft EN standards are freely available via **NBN**'s website during the public enquiry and voting phase in order to collect input for determining the national position.

Source: 37 ETSI NSOs.

Article 6(1(e)): Making available free of charge on their website abstracts of standards.

95 % of the ETSI NSOs made abstracts of the standards available free of charge on their website or via a link to the ETSI portal application.

Are abstracts/scopes of standards made available free of charge?	
YES	95 %
NO	5 %
Indicate how it was done:	
Via website	51,91 %
Via link to ETSI website	21,82 %
Upon request via email	20,00 %
Other	7,27 %

Submitted comments:

- **ASL**: Publication of our national work program: <https://normen-entwurf-portal.austrian-standards.at/action/en/public/nationalesArbeitsprogramm>.
- **ELOT**: The abstract is included in the standards database that can be accessed through the web.
- **ILNAS**: The first pages of every standard are available for free in our e-shop: <https://ilnas.services-publics.lu>. Additionally an abstract is available in the description of most standards.
- **IPQ**: ETSI standards (and other deliverables) are available free of charge from the ETSI website. A link is provided to the ETSI website.
- **NEN**: The starting pages of a standard, including content and scope, can be viewed free of charge on our website.
- **Nkom**: Abstracts/scopes of standards are not made available because there is no need for it since the complete standards can be downloaded for free.

- **NSAI:** Abstracts available on 'Search/Buy Standards' on the NSAI website
<https://www.nsai.ie/standards/search-buy-standards/>
- **Traficom:** For the existing national standards abstracts/scopes of standards are available free of charge.
- **UNE:** Abstracts including scopes of published standards are available in UNE and AENOR websites.

Source: 37 ETSI NSOs.

Article 6(1(f)): Applying special rates for the provision of standards or providing bundles of standards at a reduced price

All ETSI deliverables are available for free download from the ETSI download area. Many NSOs provide publicity for the ETSI deliverables (including non-ENs) to their community. However, the following information on whether any special rates apply for national standards was provided:

Do you apply special rates to SMEs for the provision of standards or providing bundles of standards at a reduced price?

YES	65 %
NO	32 %
Planned	3 %

Source: 37 ETSI NSOs.

How is it implemented?

Special rates are granted for the provision of all standards for SMEs	32,26 %
Special rates are granted for bundles of standards to SMEs	64,52 %
Other	3,23 %

Comments:

- **ASRO:** Special rates are applied to different collections of standards on targeted domains - as part of specific (occasional) marketing campaigns, vouchers associated with events or training courses.
- **CRC:** Bulgarian institute for standardization (BDS) provides special rates for published national standards.
- **BSI:** SMEs are not required to become a subscribing member of BSI in order to participate in standardization activities. The primary method of participating in a BSI technical committee is to be nominated to represent a trade association or professional body. An organization of any size can be nominated in such a way and in this way many small business are represented on BSI committees. Through this approach information on standardization projects can be cascaded to SME members of the trade associations or professional associations via their committee representative. In cases where specific expertise is required it may be possible for a representative from a specific SME to be co-opted to participate in a committee as an individual expert. There is no financial charge to participate in BSI committees. Organisations of any size continue to be able to visit the BSI Knowledge Centre to review the text of published standards without any obligation to become a subscribing member. For subscribing BSI members or SMEs that are members of a BSI committee there is no fee for the use of this facility. Non-members are able to browse for free for two hours before incurring a small hourly fee. Alternatively access to BSI's full catalogue of standards is available at a number of public and university libraries throughout the country. Organizations of any size are able to comment on draft standards free of charge via BSI's online Standards Development Portal (<https://standardsdevelopment.bsigroup.com/>).

Comments submitted will be reviewed by the appropriate BSI Technical Committee and considered for inclusion in the final UK compilation of comments. BSI has also continued to carry out specific outreach work for SMEs, such as holding regional open committee meetings, to enable easier participation in the standards development process and facilitate the involvement of regionally based organizations in BSI activities.

- **CYS:** ETSI standards are free of charge. Special rates and bundles of Standards are Applicable for ISO IEC, CEN /CLC standards and SMEs that are members to CYS subscribers scheme.
- **Dansk Standards:** All customers get special rates for bundles of standards. Not only SMEs
- **ILNAS:** Prices are in general very competitive in Luxembourg (no special rates applied for SMEs). The Luxembourg economic model relies on the small scale sector, principally based on SMEs.
- **ISME** publishes a program for the improvement of SMEs in Montenegro through the application of standards and organizes round tables and trainings in the field of standardization and standards for SMEs and encourages membership and work in technical committees.
- **Lithuanian Standards Board (LST):** 20 % discount for national, adopted European and international standards. 30 % discount for the purchase of more than 3 national, adopted European and international standards.
- **MCCAA:** This applies to European Standards only.
- **MSZT** has discounts for bundles of standards not just for SMEs but accessible for all stakeholders. MSZT has drastically reduced the price of standards on their online standards library for all stakeholders, not just SMEs, to enable better access, and the income comes back from the increased number of subscribers. This action was based on demands of the SMEs but benefits all stakeholders. Best practices are exchange during meetings.
- **NKOM:** There is no need for a reduced price since the standards from ETSI can be downloaded for free.
- **NSAI** sales of standards are competitively priced with tariff options for purchase of multiple standards. In addition, by payment of an annual charge, a tailoring update service is available where businesses can receive updates on standard revisions for view or automatic purchase.
- **Traficom:** The Finnish national standards are published by SFS that also responsible on the attached rules. Traficom is responsible only for 15 rather old circuit switched telephony network related national standards and no specific arrangements regarding those has seen necessary.
- **UNE** offers special bundles and publications that include various standards at reduced prices. Occasionally, these products are developed through agreements with professional or manufacturer's associations, providing cost-effective solutions for SMEs, whether they are affiliated with these associations or not.

Source: 37 ETSI NSOs.

What are the measures taken for exchange of best practices

- **AFNOR:** There are SMEs representatives in all our bodies, there is a specific committee for SMEs acting as an advisory body to our Board. AFNOR is open to all discussions and exchanges of best practices with ETSI and would be delighted to be able to promote ETSI (with ETSI materials notably), or in our national committees.
- **ASI:** Virtual Roadshows, Newsletters and similar awareness raising events together with Austrian chamber of commerce in Austria For start-ups we have a Special offer, see <https://www.austrian-standards.at/en/products-solutions/additional-services/start-up-package>. Network with certain ETSI NSO having either the same language , same size (e.g. ETSI NSOs from the northern countries) or Memorandum of Understanding e.g. with CYS for exchanging best practices.

- **ASRO:** Dissemination activities: presenting benefits and facilities for participation, invitations for SMEs to get involved, marketing campaigns are conducted, meetings and promotional activities. ASRO exchanges best practices with other members of ETSI, working groups or workshops, collaboration agreements.
- **asut:** The access and participation are free for SMEs. In addition to the information by mail, on the web and in meetings, we publish information in our magazine, and we inform on events. asut has an ETSI Board Member as President in their Swiss Standardization Committee. Accordingly, they are always well informed about the ETSI activities and can directly address their concerns. asut also takes part in all NSO meetings and exchange ideas with our colleagues as required.
- **CRC:** Bulgarian institute for standardization (BDS) provides targeted products, services and events. There is a SME web portal on BDS website. A link to that portal is available on CRC's website.
- **CEI:** Signature of collaboration protocols with representative Trade Associations with a predominantly SMEs composition for the promotion and technical knowledge and for economic facilitations to the benefit of operators (particularly subscriptions to collections of standards of specific interest).
- **CPTRA:** Online consultation. Information of ETSI workshops are provided regularly to stakeholders.
- **CYS** has renewed its subscription scheme for 2023–2026, funded by the Ministry of Energy, Commerce, and Industry. Under this scheme, every company registered in Cyprus can access five standards at no additional cost. The previous limitation on the number of companies eligible to benefit from the scheme has been removed. The Cyprus Organization for Standardization (CYS) has also signed an annual agreement with the Cyprus Scientific and Technical Chamber (ETEK) as part of their ongoing collaboration. This agreement allows all ETEK members, who are individual engineers with valid professional licenses, to access three European standards annually. Many of these engineers are either SME owners or employed within such enterprises. To encourage SME participation in European standardization activities, CYS provides a grant of €500 to SME representatives serving as National Representatives in European Technical Committees and working groups for each participation in physical meetings of the respective TCs.
CYS has established Memoranda of Understanding (MoUs) with several National Standards Bodies, fostering a commitment to exchange information and share best practices including also the activities undertaken designed to address the needs of the Small and Medium-sized Enterprises (SMEs). In addition, CYS actively engages in Erasmus+ programs, with a primary focus on facilitating the exchange of best practices across various fields aligned with its strategic interests. Moreover, CYS plays a vital role in supporting CCMC's initiatives through its SME Helpdesk, enhancing its outreach and assistance to SMEs.
- **Dansk Standards:** DS-Universe is an educational programme for all interested stakeholders free of charge. We offer a Physical and an online version. The DS Universe is a modular program introducing standardisation, CE marking, CEN, ISO, CEN/IEC. NEW 2024 Every year we have a long list of events for SMEs and other interested parties free of charge as described in the SME report. DS is active in discussions on how to improve inclusion and participation at ETSI, including in the NSOG.
- **DKE:** SMEs are represented in the DKE Council, Technical Advisory Board International and National Coordination; Finance Advisory Board (see our organization, <https://www.dke.de/de/ueber-uns/dke-organisation-auftrag>; <https://www.dke.de/kmu>) also at DIN level -SME commission KOMMIT (see chart of the DIN group: www.din.de).
- **DPS:** Despite other facilities SMEs have to access standards and the standards development process, they can ask DPS to be a member of DPS/Technical Committee without payment/fee. Also, if they are a member of the DPS/TC they automatically have 50 % reduction on every standard they buy. Exchange of best practices with ETSI goes through trainings and communications.
- **ELOT:** A MoU has been signed between NQIS/ELOT and the Athens Chamber of Commerce and Industry (mainly SMEs). Participation in the project REGO_ETSI "Support for implementing Regulation 1025/2012 in new ETSI process on EN standards".

- **HNZ:** SME Contact Point provides direct and tailored support to SMEs in relation to standards and national standardization. Free-of-charge services include providing information on standards and their benefits. All holdings of Standards Library (Croatian (HNZ), international (ISO, IEC) and European (CEN, CENELEC, ETSI), German (DIN) and US (ASTM) industry standards are available to SMEs for free insight every working day from 8:30 to 15:00. HNZ has good long-term cooperation with professional chambers; on the basis of Repository Access Agreements members of the Croatian Chamber of Civil Engineers (HKIG), Croatian Chamber of Electrical Engineers (HKIE), Croatian Chamber of Architects (HKIS) and the Croatian Chamber of Mechanical Engineers (HKIS) have read only access to Croatian standards (with all measures of the protection of copyright to standards). HNZ exchange best practice with other ETSI members and NSBs through participation in General Assemblies and NSB meetings and has good cooperation with NSBs in neighbouring countries.
- **ILNAS:** The participation in the standardization process is free of charge in Luxembourg. No fees are expected by ILNAS allowing SMEs to take part in the process. Moreover, ILNAS offers with the help of the EIG ANEC (the national Agency for Standardisation and Knowledge-based Economy) a lot of services in the field of standardization for free (trainings, standards analysis, coaching, events, standards watch). ILNAS is also working closely together with the Chamber of Commerce and other professional associations in order to raise the awareness among the national socio-economic actors. Furthermore, a read-only access to standards is offered for free at different locations at national level (9 in total).
- **IPQ:** The Portuguese economy is dominated by SMEs. This is why most committees have SME participation. IPQ actively disseminates information to Small and Medium-sized Enterprises (SMEs) regarding specific standardization activities through a variety of communication channels. These channels include IPQ's social media accounts, where they share updates, insights, and highlights related to ongoing standardization efforts. Additionally, IPQ develops press releases and publishes articles to regularly provide SMEs with comprehensive information on current standardization projects, changes, and developments.
- **ISM** encourages and facilitates SMEs' access to standards and the standards development process through various roundtables, seminars, in order to bring/promote the advantages of using standards and involvement in standardization activity. Events are organized on different topics for different groups of SMEs: food sector, construction, textile industry, etc. Information materials through which emphasize the benefits of standards and involvement in standardization process. These materials are presented to SMEs through events, by website and ISM newsletter. ISM has special rubric for SMEs on their website with different useful information regarding the benefits on involvement in standardization process.
- On March 2014, **the Institute for Standardization of Moldova** has become an observer member at ETSI. Regarding the exchange of the best practices and experience, we would like to inform you that **ISM** has participated in several seminars organized by ETSI like ETSI seminar and the General Assembly. **ISM** is also regularly informed of the work of ETSI, translating different press releases to promote them nationally.
- **ISME** participates in NSO meetings according to its possibilities and actively follows the latest development in the NSO-ETSI relationship.
- **ISRSM:** 'NEW 2024' Public commenting system, providing facilities to submit comments for Published standards (for systematic review, stage 90.20). Measures for exchange of best practices are done through ISRSM TC's (ISRSM TC 2 – Electronic communications) meetings and organized trainings/workshops or presentations for interested parties.
- **ISS:** Training activities, newsletter, electronic collection of standards, promotional activities, free of charge publications, in house seminars, free of charge webinars, cooperation with Serbian chamber of commerce. Contract on business and technical cooperation with "Belgrade fair" was extended until the end of 2025. In 2024, ISS participated in the following fairs: Textile Fair, Tourism Fair, Construction Fair, Technology Fair, Eco Fair. Free webinars and seminars: Medical device safety through risk analysis; Personal data protection - standards, European regulations, legislation, and practical challenges;

promotional seminar on amendments to management systems standards.

- **ITS** participates in the Swedish advisory board for consumers and employees and has several organisations as members who are membership organisations for SMEs. ITS actively encourages those organisations to spread information to their members. ITS participates in the NSO meetings where we exchange information on how we do in Sweden and there we get information on how others do in their countries.
- **LST** holds workshops on application of standards free of charge.
- In **LVS** library, reading of standards and draft standards is offered free of charge. LVS offers reading for 24 hours service at low cost and subscription service for monitoring ICS groups. Free online course on standards and standards development process is available at LVS website. LVS exchanges best practices during annual meetings with NSB of Baltic States – Latvia, Lithuania, Estonia, Poland (called Baltic Standard Forum).
- **NBN** operates with a "help desk principle" to offer increased support to SMEs. Additionally, NBN organizes several formations over the course of the year to raise awareness on the importance of standardization and seek to increase the involvement of SMEs.
- **NEN**: New initiatives with which NEN has facilitated the involvement of small and medium sized enterprises in the development of standards in 2024: As of January 1 2024, NEN adjusted the pricing model for standards committees under which specific stakeholder groups, among which micro-SMEs, participate at a reduced rate // In addition, all members now have access to all standards documents applicable in the Netherlands via NEN Connect, removing the financial threshold for accessing standards // Continuous improvements to NEN Connect ensure clients can do their work ever more efficiently. In 2024 a new functionality, was developed to help (SME) companies understand the relationship between different versions of standards. For each individual standards page, insight is provided into how versions of standards relate to each other, whether a standard is under revision, and what the current standards version is. // Multiple networking events were held over the course of the year, on topics such as 'Air Quality', 'Medical Devices' and 'Smart Energy' to encourage exchange and engage stakeholders, of which SMEs are an important element. // Free Webinars and implementation tool kits were provided to support stakeholders with the implementation of specific standards, such as the NEN 7510 on information security in healthcare. This includes facilitating exchange among healthcare organizations so they can learn and communicate with each other to share issues and challenges. This is especially relevant for small organizations who are obliged to implement security measures, but who are struggling with the complexity. // And finally an expansion of the e-learnings catalogue on standards has been taken up. These are standalone modules or part of a blended training. With this we aim to lower the barriers of acquiring knowledge on standards, as this way of learning is particularly time and cost efficient - two restrictions that are of specific concern to SMEs. NEN has regular meetings with the other XXM members (ASI, DS, IST, SFS, SIS, SN).
- **Nkom** has arranged "standardisation day" in the past to encourage participation and we participate in ETSI NSOG meetings and ETSI NSBG meeting where we discuss various aspects.
- **NSAI**: To support the continuing contribution of SMEs to the Irish economy, NSAI Standards provide information on the benefits of implementing standards for their businesses. Participation in the standards development process allows SMEs to have a direct say on Irish, European and international standards being developed that shape the market in which they operate. See <https://www.nsai.ie/standards/supporting-standards/supporting-smes/>.
- **OVE**: There are no special measures for SME since OVE treats all their stakeholders and customers in the same best way: easy access to their web shop with comprehensive search facilities, previews and information; no meeting fees, free access to all drafting documents for national TC/SC members. OVE started to focus more on start-ups by training start-up associations regarding the benefits of standardization.

- **PKN:** Information activities at the meetings with entrepreneurs about the benefits of participation in standardization. We participate in all kinds of conferences, trade fairs, etc. giving presentations on voluntary standardization system and on the importance of the participation of SMEs in standardization. We have been developing our presence in social media: Facebook, X, LinkedIn (since May 2017). On our website, we prepared a guide including necessary information for stakeholders at all levels of experience. This guide is available since 2021 and continuously being reviewed and updated. The Customer Section subpage was created on the PKN website. The main goal of this section is to make it easier for users to find and access full sales information and to increase the readability of the information provided (since April 2021). In 2023, PKN prepared new version interactive forms. They will make it easier for SMEs and other clients to complete the formalities related to TC membership (since October 2022). In 2023, the Trados system was implemented, which supports the translation of standards. Therefore, speeches and webinars were prepared on the use of the Trados system in standardization work, principles of reporting and selection of contractors, principles of financing and development of standards. In 2024 • organized web conferences as part of the ongoing program „Młodzi Profesjonalisci”. • co-organized with ZRP, SMEUnited, Small Business Standards. Hybrid conference entitled: „Wzmacnianie MŚP i rzemiosła dzięki normom” (Strengthening SMEs and crafts through standards)(New, November 2024) • an information brochure on harmonized standards has been prepared. The brochure can be downloaded from the website. (New, December 2024) • an educational video about harmonized standards has been prepared (New, December 2024). We take the opportunity to exchange the best practices with other ETSI NSOs and members by participation in the European Forum for Standards Distribution (EFSD) and Baltic Standards Forum (BSF), and also during the bilateral meetings.
- **SIST** website is dedicated to the SMEs through the following: promotion and link to videos, SIST Contact point for services, products and constructions, free access to the national tool for SMEs, free seminars to promote standardization and SME participation, information services on standardization per sector. SIST cooperates with the Chamber of Craft and Small business of Slovenia (OZS) in promotion of standardization activities for members of the chamber. SIST also promotes standardization activities together with the Chamber of commerce and industry (GZS). SIST became members of GZS through its membership in the Chamber of electronic and electrical industry. In 2023 SIST launched a new YT channel where promotional SIST video material about standardization is available. SIST regularly communicates novelties about standardization also through other social media (FB, LinkedIn). NEW: Lately SIST has also made a number of harmonised European standards, approved by CEN, CENELEC, IEC and ISO, available at <https://harmonized.standards.eu> or <https://ecommerce.sist.si/catalog/public>. Visits and exchange of best practices with other NSBs, members of ETSI.
- **Traficom:** Participation the co-operation between the national standardisation organisations and in that framework a lot of advertisement and education material is produced. Participating NSOG/NSBG meetings.
- **UNE:** New standardization initiatives and information sessions are sent to CEPYME (Spanish Confederation of Small and Medium-sized Enterprises) to be distributed among its members. NEW 2024: UNE is at an advanced stage of negotiation with CECU Federation of Consumers and Users for a new agreement that will enable the development of a methodology to facilitate access to vulnerable groups and civil society to a series of projects under development so that they can influence their content.
 - UNE translates into Spanish the majority of the European standards (around 65 %, CEN and CENELEC standards) and in some cases also international standards from ISO are translated into Spanish.
 - UNE delegates the secretariat of national committees to sector federations or associations which draw together SMEs and other specific stakeholders,
 - Newsletters, press releases, informative sessions, UNE web site, AENOR magazine, member web sites, workshops, technical magazines and social networks are used to promote and disseminate information on standardization activities, UNE, has published specific reports on Support for Standardization in the different sector, in collaboration with National Association and Federations. UNE grants national experts with specific funds for attending European and international standardization meetings (SME are included in these kind of funds).

Best practices are exchanged during NSO/NSB meetings, GAs and satisfaction survey.

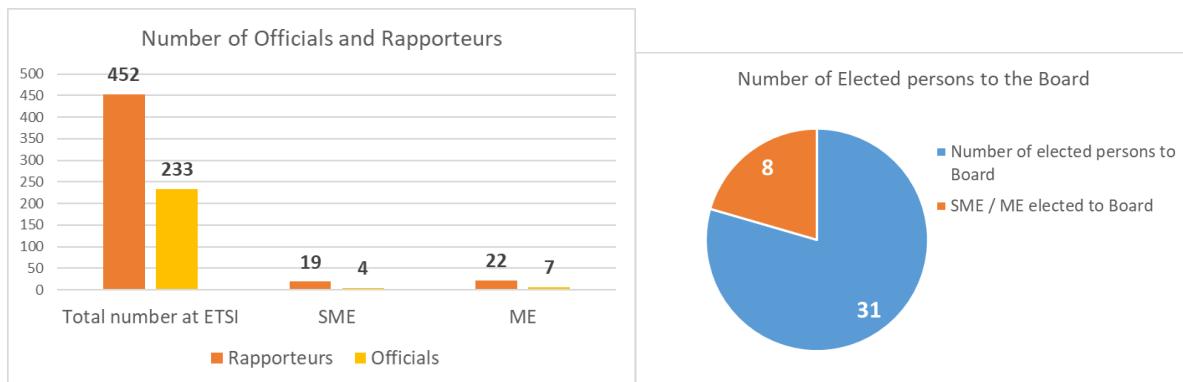
- **UNMS SR** has a very good cooperation and relationship with the Czech Republic. There is a special agreement on mutual sale of national standards.
- OVE has organized bilateral meetings with other NSOs on a regular basis, to exchange experiences and best practices.

Article 6(2): Exchange of best practices by NSB/NSO

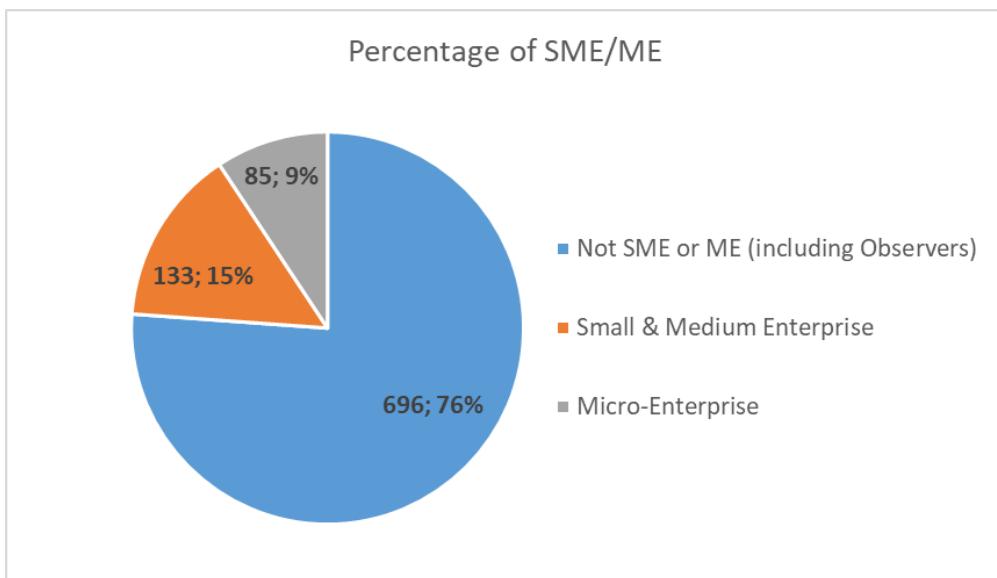
Article 6 2 Exchanging best practices aiming to enhance participation and use of standards by SMEs

It is important that ETSI and the NSOs have good communication in order to exchange the good practices put in place by each in order to benefit from the understanding and participation of SMEs.

SMEs and micro-enterprises make up a significant proportion of ETSI's membership. Almost a quarter of ETSI's Members are SMEs. 18 % of these SMEs actively participated in ETSI's Technical Bodies/Working Groups in 2024 and their involvement goes beyond attendance of meetings with a large number of official positions such as Chair or Vice-Chair held as well as rapporteurs' roles held. The investment of their resources and commitment here is vital to the progression of work in ETSI.



ETSI encourages participation by organizations of differing size and background. SMEs, universities and public research bodies enjoy a reduced membership contribution to ETSI. From 2025, European (S)MEs and Universities benefit from a beneficial fee for the participation in 3GPP face-to-face meetings. At the end of 2024, 217 (24 %) of ETSI's members were SMEs (including micro-enterprises). The high level of participation is fundamental to our progress.



All of our exchanges emphasizes that ETSI is organized on a direct participation basis. The vast majority of technical decisions in our TBs are achieved by consensus between the experts involved. All of our material promotes the need to make maximum use of the rights and benefits that are brought through ETSI membership so that they can take advantage of all opportunities to attend meetings or ETSI events, create partnerships and develop contacts. They are encouraged to make full use of any information received during standardization activities and to distribute it inside their company where possible. They are also encouraged to make use of external funding support wherever available.

The benefits of ETSI membership to SMEs are provided with the following emphasis:

Directly influencing the content of the standards by contributing to the work of the standards committees and any commenting process.

In-depth understanding - access to a standard as it is developing allowing pro-activity rather than passivity.

Innovation - keep products aligned with emerging developments in the market by tracking a standard during its development.

Competitive advantage - be among the first to use the latest standards and gain a competitive edge.

Visibility = credibility - SMEs involved in standardization are more visible to customers and competitors, leading naturally to increased credibility.

Opportunities to access potential customers - your next customer could well be one of the companies in a standards committee.

Forming partnerships with other participants - meet and develop relationships with potential partners.

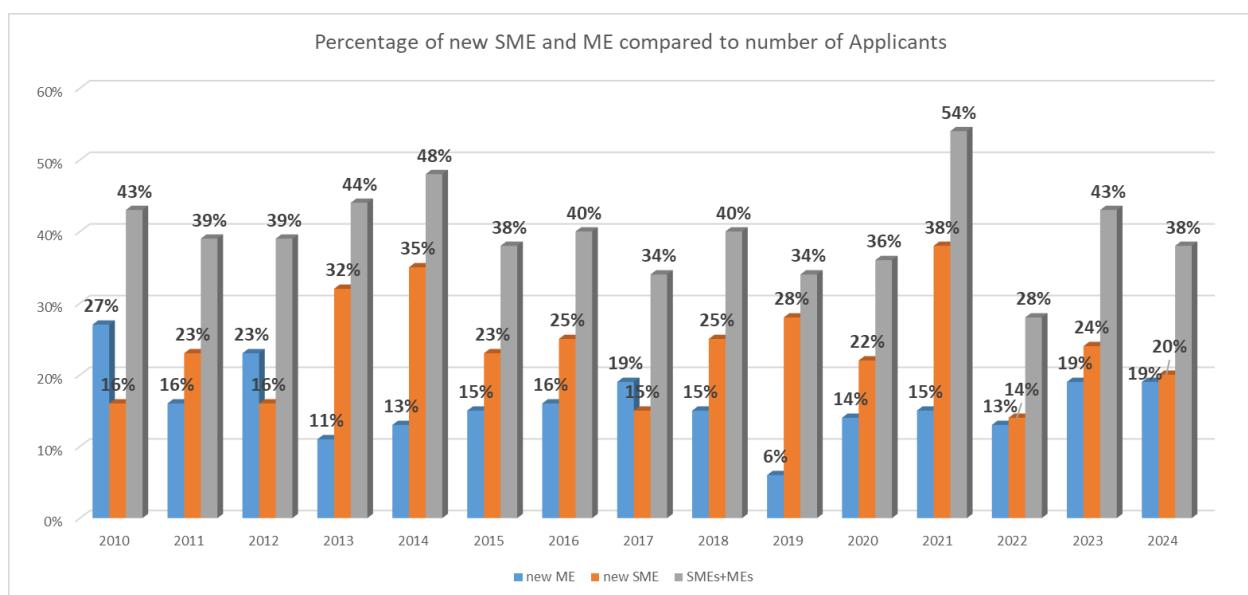
Benefit from common marketing campaigns – promotion of a standardized technology and its implementation.

Be ambitious, have a leadership role to obtain the most from your efforts in standardization.

Be open-minded: your co-workers in the committees are potential customers, competitors or partners.

We also emphasise that active participation in standardisation meetings offers the possibility to contribute to standards and also possibly to take a leading role in their development. As a passive participant, membership of ETSI allows an SME to participate without actively contributing. Hence SMEs benefit from early access to contents and gain understanding and the credibility from being involved.

ETSI offers preferential membership contributions, especially to micro-enterprises (flat fee contribution). The graphic below demonstrates the evolution of membership for SMEs/MEs.



ETSI encourages the participation of SMEs and MEs in its work and data on SMEs and MEs is subject to a regular analysis to better understand who they are and what are the potential needs. Once an SME or ME joins ETSI they are allocated a Mentor, and an onboarding meeting is held with relevant technical staff. They are guided through the initial stages of membership in order to enable them to fully benefit from their participation and to encourage them to become promoters towards other potential SME and ME members.

In 2024, the European Telecommunications Standards Institute (ETSI) continued its commitment to supporting Small and Medium-sized Enterprises (SMEs) through various initiatives:

Active Participation and Representation

- **Membership Benefits:** ETSI maintained its inclusive membership structure, allowing SMEs to engage directly in standards development alongside larger corporations. This approach ensures that SMEs have a voice in shaping standards that impact their operations. Notably, over a quarter of ETSI's members are SMEs and Micro-Enterprises (MEs), with SMEs holding more than 50 % of official positions in technical groups.
- **Preferential Membership Fees:** To encourage SME participation, ETSI offered reduced annual membership fees—€3,000 for Micro-Enterprises and €6,000 for SMEs. This financial consideration makes it more accessible for smaller entities to join and benefit from ETSI's resources.

Collaborative Efforts and Representation

- **Engagement with R&D and Academic Communities:** ETSI continued to engage with research and development sectors and academic institutions to enhance its ability to create world-class ICT standards. This collaboration aims to ensure that SMEs are well-represented and can contribute effectively to the standardization process.
- **Collaboration with Utrecht University Summer School:** in June 2024, ETSI partnered with Utrecht University Summer School to enhance education in ICT standardization. This collaboration aimed to prepare the next generation of standards professionals by providing high-quality educational materials, including a comprehensive textbook on 'Understanding ICT Standardization' and modular slide sets for various courses.
- **Advancements in Cellular Vehicle-to-Everything (C-V2X) Technology:** in partnership with the 5G Automotive Association (5GAA), ETSI organized the 4th C-V2X Plugtests™ interoperability event from September 10 to 13, 2024, in Malaga, Spain. The event saw participation from 24 companies and 82 experts, both onsite and remotely. Over 60 test scenarios were executed, achieving a 94% success rate. These tests focused on direct communications between vehicles, pedestrians, and infrastructure, based on 3GPP and ETSI TC ITS standards.
- **Advancements in Railway Communications:** from July 1–5, 2024, ETSI hosted the fourth Future Railway Mobile Communication System (FRMCS) Plugtests event at its headquarters in Sophia Antipolis, France. The event brought together 83 on-site delegates, 67 remote participants, and 25 vendors to test and validate FRMCS solutions, covering scenarios such as mission-critical voice and data communication based on 3GPP Release 18, Adhoc Groups, and IP Connectivity.

Through these initiatives, ETSI and its partners have demonstrated a strong commitment to empowering SMEs, ensuring they have the necessary support and opportunities to actively participate in the standardization landscape.

Article 6(3) NSOs' annual reports for SMEs

National standardisation bodies shall send annual reports to the ESOs with regards to their activities, and all other measures to improve conditions for SMEs to use standards and to participate in the standards development process (including the aforementioned Article 6(1) and Art 6(2) of the Regulation). The NSOs shall publish those reports on their websites.

Country	Full name	Short name	SME report/info/Work Programme
CEPT Members and European Union Member States			
Albania	Drejtoria e Përgjithshme e Standardizimit - General Directorate of Standardization	DPS	<ul style="list-style-type: none"> ▪ https://dps.gov.al/sq/artikuj_p77.html ▪ https://standard.dps.gov.al/sq/feedback-nga-klienti_p87.html ▪ https://standard.dps.gov.al/sq/project/show/dps:proj:59800
Austria (1/2)	Austrian Standards International	ASI	<ul style="list-style-type: none"> ▪ Publication of our national work program: https://normen-entwurf-portal.austrian-standards.at/action/en/public/nationalesArbeitsprogramm ▪ https://www.austrian-standards.at/de/ueber-uns/presse/mediencenter/kmu-bericht ▪ https://www.austrian-standards.at/en/products-solutions/additional-services/start-up-package
Austria (2/2)	Österreichischer Verband für Elektrotechnik - Austrian Electrotechnical Association	OVE	<ul style="list-style-type: none"> ▪ https://www.ove.at/medien-pr/jahresberichte/aktueller-jahresbericht/
Belgium	Bureau de normalisation / Bureau voor Normalisatie - Bureau for Standardisation	NBN	<ul style="list-style-type: none"> ▪ https://www.nbn.be/en/sme ▪ https://www.nbn.be/en/annual-reports
Bulgaria	КОМИСИЯ ЗА РЕГУЛИРАНЕ НА СЪОБЩЕНИЯТА - Communications Regulation Commission	CRC	<ul style="list-style-type: none"> ▪ https://bds-bg.org/bg/sme-and-standards_c62 ▪ https://bds-bg.org/en/bds-work-programme-for-standardization_p213.html
Croatia	Hrvatski zavod za norme - Croatian Standards Institute	HZN	<ul style="list-style-type: none"> ▪ https://www.hzn.hr/en/report-on-hzn-activities-for-smes/497 ▪ https://www.hzn.hr/default.aspx?id=504
Cyprus	Κυπριακός Οργανισμός Τυποποίησης - Cyprus Organisation for Standardisation	CYS	<ul style="list-style-type: none"> ▪ https://www.cys.org.cy/diakyvernisi-etairiki-ypefthynotita/
Czech Republic	Úřad pro technickou normalizaci, metrologii a státní zkušebnictví - Czech Office for Standards, Metrology and Testing	UNMZ	<ul style="list-style-type: none"> ▪ https://unmz.gov.cz/en/present/o-uradu/documents/news-about-office-activities/ ▪ https://unmz.gov.cz/obecne/o-uradu/dokumenty/zpravy-o-cinnosti-uradu/ ▪ https://agenturacas.gov.cz/standardizace/tvorba-norem/plan-narodnich-praci/

Country	Full name	Short name	SME report/info/Work Programme
Denmark	Dansk Standard - Danish Standards	Danish Standards	<ul style="list-style-type: none"> ▪ https://www.ds.dk/da/om-standarder/hjaelp-til-smv-er-og-ivaerksaettere ▪ https://www.ds.dk/en/about-danish-standards/work-programme-and-smes ▪ https://www.ds.dk/download?media=umb%3A%2F%2Fmedia%2F80c48e3fd34d41178542a27dabfae2ae&srlstid=Afm
Estonia	Tarbijakaitse ja Tehnilise Järelevalve Amet - Consumer Protection and Technical Regulatory Authority	CPTRA	<ul style="list-style-type: none"> ▪ https://www.evs.ee/en/why-should-you-participate-in-the-work-of-a-committee ▪ https://www.evs.ee/images/uploaded/EVS_tegevuseesm%C3%A4rgid_2022_2025.pdf ▪ https://www.evs.ee/en/standards-programme ▪ https://ttja.ee/aripliant/side-ja-meetideenused/sideteenused/standardimine
Finland	Liikenne- ja viestintävirasto - Finnish Transport and Communications Agency	TRAFIGOM	<ul style="list-style-type: none"> ▪ https://www.trafigom.fi/en/communications/communications-networks/trafigom-coordinates-telecommunications-standardisation
France	Association Française de Normalisation - French association for standardization	AFNOR	<ul style="list-style-type: none"> ▪ https://normalisation.afnor.org/ ▪ https://norminfo.afnor.org/
Germany	Deutsche Kommission Elektrotechnik Elektronik Informationstechnik im DIN und VDE - German Commission for Electrical, Electronic & Information Technologies of DIN and VDE	DKE	<ul style="list-style-type: none"> ▪ www.dke.de/KMU
Greece	Ελληνικός Οργανισμός Τυποποίησης - Hellenic Organisation for Standardisation	ELOT	<ul style="list-style-type: none"> ▪ https://elot.gr/typopoisi-kai-mikres-kai-mesaises-epiheiriseis-mme
Hungary	Magyar Szabványügyi Testület - Hungarian Standards Institution	MSZT	<ul style="list-style-type: none"> ▪ https://www.mszt.hu/hu-hu/szabvanyositas/informacio-kkv-knak ▪ http://szabvanykonyvtar.mszt.hu/ ▪ https://www.mszt.hu/hu-hu/tanusitas/hirek
Ireland	National Standards Authority of Ireland	NSAI	<ul style="list-style-type: none"> ▪ https://www.nsai.ie/standards/supporting-standards/supporting-smes/ ▪ https://www.nsai.ie/standards/standards-committees/new-projects-under-development/ ▪ https://www.nsai.ie/standards/standards-committees/standards-committees/
Italy (1/2)	Comitato Elettrotecnico Italiano - Comitato Nazionale di Coordinamento per l'Informatica e le Telecomunicazioni - Commissione congiunta ISCOM - CEI - UNI interfaccia	CEI	<ul style="list-style-type: none"> ▪ https://www.uni.com/index.php?option=com_content&view=article&id=8857&Itemid=2849 ▪ https://www.ceinorme.it/governance/

Country	Full name	Short name	SME report/info/Work Programme
Italy (2/2)	Italian National Unification - Unità nazionale italiana	UNI	<ul style="list-style-type: none"> ▪ https://www.uni.com/uni-per-te/pmi-e-startup/
Latvia	Latvijas standarts - Latvian Standard	LVS	<ul style="list-style-type: none"> ▪ https://www.lvs.lv/page?slug=darbibas-parskati ▪ https://www.lvs.lv/resources/documents/LVSWorkProgramme2024.pdf ▪ https://www.lvs.lv/en/page?slug=work-programme
Lithuania	Lietuvos Standartizacijos departamentas - Lithuanian Standards Board	LST	<ul style="list-style-type: none"> ▪ https://lstd.lrv.lt/public/canonical/1735535259/635/MVI_ataskaita_u%C5%BE%202024%20m.pdf ▪ https://lstd.lrv.lt/en/standardization/work-programm
Luxembourg	Institut Luxembourgeois de la Normalisation, de l'Accréditation, de la Sécurité - Luxembourg's Institute for Standardisation, Accreditation and Safety	ILNAS	<ul style="list-style-type: none"> ▪ https://portail-qualite.public.lu/content/dam/qualite/fr/documents/normes-normalisation/participer-normes-nationales/ilnas-oln-A006/ilnas-oln-a006-programme-travail.pdf ▪ https://portail-qualite.public.lu/content/dam/qualite/fr/publications/normes-normalisation/information-sensibilisation/activites-normalisation-pme/rapport-pme-v-1.pdf ▪ http://www.portail-qualite.public.lu/fr/normes-normalisation/produits-et-services/index.html
Malta	Malta Competition and Consumer Affairs Authority	MCCAA	<ul style="list-style-type: none"> ▪ https://mccaa.org.mt/publications ▪ https://www.mccaa.org.mt/Section/Content?contentId=1242
Netherlands	Nederlands Normalisatie-Instituut - Netherlands Standardization Institute	NEN	<ul style="list-style-type: none"> ▪ https://www.nen.nl/normontwikkeling <p>NOTE: Scroll to the heading 'Het MKB & normontwikkeling' and then click on the words 'In dit jaarverslag'.</p>
Poland	Polski Komitet Normalizacyjny - Polish Committee for Standardization	PKN	<ul style="list-style-type: none"> ▪ https://www.pkn.pl/en/standardization/pkn-work-program ▪ https://pzn.pkn.pl/tc/#/work-program ▪ https://www.pkn.pl/en/about-pkn/organization/annual-reports
Portugal	Instituto Português da Qualidade - Portuguese Institute for Quality	IPQ	<ul style="list-style-type: none"> ▪ https://www.ipq.pt/normalizacao/ferramentas-de-apoio/ferramentas-de-apoio-as-empresas/ ▪ https://www.ipq.pt/normalizacao/comissoes-tecnicas-de-normalizacao/ ▪ https://www.ipq.pt/normalizacao/plano-de-normalizacao/ ▪ https://www.ipq.pt/normalizacao/organismo-nacional-de-normalizacao/enquadramento-europeu-e-internacional/regulamento-europeu/
Romania	Organismul Național de Standardizare din România - Romanian Standards Association	ASRO	<ul style="list-style-type: none"> ▪ https://www.asro.ro/en/smes-portal/ ▪ https://www.asro.ro/portal-pentru-imm-uri/ ▪ http://www.asro.ro/en/the-national-standardisation-programme/ ▪ https://www.asro.ro/en/annual-reports/

Country	Full name	Short name	SME report/info/Work Programme
Slovakia	Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky - Slovak Office of Standards, Metrology and Testing	UNMS SR	<ul style="list-style-type: none"> ▪ https://www.unms.sk/stranka/139/zapojte-sa-a-spolupracujte/ ▪ https://www.normoff.gov.sk/stranka/360/zapojte-sa-spolupracujte-stante-sa-clenom-technickej-komisie/ ▪ https://www.normoff.gov.sk/stranka/123/plan-technickej-normalizacie/ ▪ https://www.normoff.gov.sk/stranka/372/vyrocne-spravy/
Slovenia	Slovenski inštitut za Standardizacijo - Slovenian Institute for Standardisation	SIST	<ul style="list-style-type: none"> ▪ https://www.sist.si/standardization/care-for-smes/current-news-for-smes ▪ https://www.sist.si/standardization/work-program
Spain	Asociación Española de Normalización y Certificación - Spanish Association for Standardisation and Certification	UNE	<ul style="list-style-type: none"> ▪ https://www.une.org/normalizacion_documentos/Pymes_2020.pdf ▪ https://www.une.org/normalizacion/nuevo-en-las-normas/beneficios-de-las-normas/beneficios-para-las-pymes ▪ https://www.une.org/normalizacion_documentos/programa_de_trabajo_normalizacion.pdf ▪ https://www.une.org/la-asociacion/sala-de-informacion-une
Sweden	InformationsTekniska Standardiseringen - Swedish ICT Standardisation	ITS	<ul style="list-style-type: none"> ▪ https://its.se/om-its/ ▪ https://its.se/wp-content/uploads/its-arbetsprogram-2024.pdf
CEPT Members and EFTA Members			
Iceland	Staðlaráð Íslands - Icelandic Standards	IST	<ul style="list-style-type: none"> ▪ https://stadlar.is/taktu-thatt-/ ▪ https://acrobat.adobe.com/id/urn:aaid:sc:EU:66362b2b-972a-4996-8874-8ef585d02a3c
Norway	Nasjonal kommunikasjonsmyndighet - Norwegian Communications Authority	Nkom	<ul style="list-style-type: none"> ▪ https://www.nkom.no/om-nkom/standardisering
Switzerland	Association Suisse des Télécommunications - Schweizerischer Verband der Telekommunikation - Swiss Telecommunications Association	asut	<ul style="list-style-type: none"> ▪ https://www.asut.ch/asut/resources/documents/Normung_KMU_Report_2024.pdf
CEPT Members			
Bosnia and Herzegovina	Institut za standardizaciju Bosna i Hercegovina - Institute for standardization of Bosnia and Herzegovina	BAS	<ul style="list-style-type: none"> ▪ https://isbih.gov.ba/p/mala-i-srednja-preduzecka-msp ▪ https://isbih.gov.ba/en/p/godisnji-izvjestaji
Republic of North Macedonia	Институт за стандардизација на Република Македонија - Standardization Institute of the Republic of Macedonia	ISRM	<ul style="list-style-type: none"> ▪ https://isrsm.gov.mk/en/small-and-medium-size-enterprises_p1117.html

Country	Full name	Short name	SME report/info/Work Programme
Georgia	საქართველოს კომუნიკაციების ეროვნული კომისია - Georgian Standards and Metrology	GeoSTM	<ul style="list-style-type: none"> https://www.comcom.ge/en/the-commission/annual-report
Republic of Moldova	Institutul de Standardizare din Moldova - Institute for Standardization of Moldova	ISM	<ul style="list-style-type: none"> https://standard.md/?page_id=3214&lang=en https://standard.md/?page_id=3235
Montenegro	Institut za standardizaciju Crne Gore - Institute for standardization of Montenegro	ISME	<ul style="list-style-type: none"> https://isme.me/sr_ME/isme-izvjestaji-za-podrsku-mikro-malim-i-srednjim-preduzecima_p5183.html https://isme.me/sr_ME/standardi-za-mikro-mala-i-srednja-preduzeca_p5067.html https://isme.me/en/izvjestaji-o-radu_c72 https://isme.me/sr_ME/
Serbia	Institut za standardizaciju Srbije - Institute for Standardization of Serbia	ISS	<ul style="list-style-type: none"> https://iss.rs/sr_Cyr/download/page-section/document/17786 https://iss.rs/en/izveshtaji-o-radu-instituta_p4.html
United Kingdom	British Standards Institution	BSI	<ul style="list-style-type: none"> https://www.bsigroup.com/en-GB/small-business/ https://www.bsigroup.com/en-GB/products-and-services/how-we-work-with-our-clients/ https://standardsdevelopment.bsigroup.com/ https://www.bsigroup.com/en-GB/about-bsi/financial-information/annual-report-archive/

NOTE: Links provided by the NSOs themselves. The links are valid as of 21/02/2025.

Article 24 (1(d)): The use of ICT in the standardisation system

Use of ICT tools by ETSI – development made in 2024

We have carried out the following activities:

Enhancing ETSI Membership Management: New Applications and Self-Management Features

- Rejuvenation of ETSI membership management applications, with the release of 4 versions of Directory Services (DS) web app, focused on ETSI V48 guidelines and self-management features. In August 2024 we launched a new Membership Application Form now seamlessly integrated with an e-signed Membership Agreement. This innovation replaces the previous form, which lacked e-signature functionality, streamlining the membership application process and enhancing user convenience. The self-management features have not been made available yet to the members, as we need first to add a few more ones to make the solution fully useable.

Standards Management Application Stabilization and SRDAP Alignment

- Stabilization and finalization of the alignment of the standards management applications on SRDAP (Contribution, Catalogue, e-Approval, Deliverables applications).

Development of ETSI Work Item API for European Commission data exchange (eNorm Stage 3)

- Delivery of 4 versions of the ETSI Work Item API that the European Commission will use to exchange the standards data produced by ETSI in the context of EC standardization requests (eNorm project Stage 3). This API comes with an optional parameter that will enable to retrieve also the non-mandated work items. It has not been launched yet, as the EC has postponed the commissioning of the eNorm Stage 3 services.

Optimizing document processing tools for improved performance

- Performance improvement of some document processing tools, such as the one that checks normative references.

Ensuring ETSI Governance compliance with V48 Directives

- Compliance of ETSI governance applications (GA Proxy, ETSI voting tool) with ETSI V48 directives.

Launch of 3GPP Voting Tool Enhancements and New API Integration

- Publication of the capping functionality of the 3GPP voting tool (Voting Limitations on Corporate Groups) and implementation of a first version of the 3GPP TDoc API.

Introduction of new meeting management application (launch in November)

- Implementation of a brand-new meeting management application scheduled to go live in November.

Separation of IPR databases for improved reporting and declaration services

- Separation of the IPR databases to isolate reporting services from declaration services.

Use of ICT tools

This is the result of the survey filled in by the ETSI NSO:

Does your national IT infrastructure include a data management system for work programme information to support high volume of data storage and compatible exchange with ETSI?	
YES	67,57 %
• Local	50 %
• Hosted	15 %
• Other	35 %
NO	29,73 %
Planned	2,70 %
Submitted comments:	
<ul style="list-style-type: none"> ▪ asut: It is under discussion. ▪ BSI: Isolutions. ▪ DPS: DPS's infrastructure is hosted by the National Agency for Information Society (AKSHI). ▪ ELOT: There is a data management system for supporting data from CEN-CENELEC via APIs. Regarding ETSI as there are no APIs provided there is no support. ▪ ILNAS: ILNAS' work program of is very limited. Therefore, no data management system is needed. 	

- **ISRSM** database is configured by an external company that collaborates with the relevant personnel to manage access to ETSI databases and configure the ISRSM database.
- **ISS** data management system is not currently integrated with the ETSI data management system. ISS plans to upgrade their system to be fully integrated with the ETSI system, thus enabling compatible data exchange with ETSI.
- **ITS** does not need such an infrastructure, because all information is available in ETSI and those ITS members that are interested in such information are also ETSI members.
- **MCAA**: The commercial aspects of this project are still being evaluated in line with the new MCAA strategy for the coming 5 years.
- **NSAI** has local databases (SharePoint & UPPS) built on top of GD 3 database. Importation of information from ETSI's database is performed manually.
- **UNE** has an intranet for standardization activities, and it includes the management of our work programme. It is not automatically compatible with ETSI tools, but UNE would like to develop compatible API as soon as possible ETSI data and documents are uploaded by hand.

Source: 37 ETSI NSOs.

Does your national IT infrastructure include a database/directory for managing experts participating in your national technical bodies?	
YES	91,89 %
• Local	76,92 %
• Hosted	12,82 %
• Other	10,26 %
NO	5,41 %
Planned	2,70 %
Submitted comments:	
<ul style="list-style-type: none"> ▪ BSI: SAP database. ▪ CRC/BDS is managing experts participating in TCs. ▪ DPS staff/users manage the standards database. ▪ ILNAS: Database (Access) is existing with information related to the participation of experts in national mirror committees and is continuously being improved. ▪ ISM current database for managing experts is local and is manually managed by ISM staff containing all necessary information. At the same time, the development of the platform dedicated to technical committee members and ISM experts is planned for December 2025. ▪ NSAI uses the UPPS database, along with the ISO Documents system. ▪ OVE: Hosted by IEC. ▪ UNE has an intranet for standardization activities and it includes the management of national members of national technical committees. The tool is prepared for including the type of category represented by each member and UNE is making an important effort to update and monitor the procedure for managing this repository. UNE also uses global directory and EMS for the management of experts at European Level. 	

Source: 37 ETSI NSOs.

Does your national IT infrastructure include a document management system to support high volumes of documents storage and compatible exchange with ETSI?

YES	62,16 %
• Local	65,38 %
• Hosted	23,08 %
• Other	11,54 %
NO	35,14 %
Planned	2,70 %

Submitted comments:

- **asut:** It is under discussion.
- **BSI:** Isolutions.
- **DPS** staff/users manage the standards database and include a document management system to support high volumes of document storage and ETSI compatible exchange.
- **ELOT:** There is a data management system for supporting data from CEN-CENELEC via APIs. Regarding ETSI as there are no APIs provided there is no support.
- **ILNAS** use the ISOsolutions platform from ISO (paid service) in order to be able to manage the documentation of our national mirror committees as well as our pure national committees.
- **ISM** database includes the metadata and text of the ETSI standards that are adopted as national ones. Unfortunately, it dose not allow a compatible exchange with ETSI. The current database of ISM for managing experts is local and are manage by manually by ISM staff with the all necessary information (metadata and text).
- **ISRSM** database is configured by an external company that collaborates with the relevant personnel to manage access to ETSI databases and configure the ISRSM database.
- **ISS** data management system is not currently integrated with the ETSI data management system. ISS plans to upgrade their system to be fully integrated with the ETSI system, thus enabling compatible data exchange with ETSI. It is planned for the end of June 2025.
- **ITS** does not see the need for this. Their national IT infrastructure supports all document management in the volume that is necessary, but they do not consider it to be high.
- **NSAI** has local databases (SharePoint & UPPS) built on top of GD 3 database. Importation of information from ETSI's database is performed manually.
- **OVE:** Hosted by IEC.
- **UNE** has an intranet for standardization activities that includes the management of our work programme and the storage of related documents. The complete traceability of all our projects is included in this database, from the NWI proposal till the publication, and further modifications, corrigenda, confirmations or the withdrawal of the standards. Documents related to the different stages are attached and stored. This database also includes all the information related to the European and international work programme under development with the related documents attached. This local database is not compatible for the exchange of information with ETSI and it is made by hand.

UNE also uses ISODocuments technology for exchange national European and international documentation with the experts of national mirror committees.

Does your national IT infrastructure include a web site?

YES	100 %
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Do you provide tools to support standards drafting?	
YES	83,78 %
• National template	50,88 %
• Wiki	3,51 %
• Virtual meeting facilities	40,35 %
• Other	5,26 %
NO	13,51 %
PLANNED	2,70 %

Submitted comments:

- **ASI:** The internal regulation 2022 of Austrian Standards International provides the possibility for active participation in meetings by using virtual meeting facilities.
- **CEI:** With reference to the virtual and hybrid meetings facilities, CEI has greatly improved the use of the virtual and hybrid meetings utilizing Zoom Tool under CEI licenses. In this way CEI TCs/SCs/WGs had the possibility to organize several hybrid/virtual meetings in parallel on the same day; the meeting rooms and the Technical Officers rooms were adapted to facilitate this way of working. Several meeting rooms in CEI were equipped with a new audio-video system to assure an high level of discussion comprehension between online and physical participants to the meetings.
- **CRC:** National template is provided by BDS.
- **ITS** does not handle national standards, and all ETSI standards are managed through ETSI's tools.
- **ILNAS:** Collaborative online platform for NMCs (ISOLutions).
- **OVE:** Drafts in Word on IEC/CENELEC/OVE Collaboration Platform. Meeting rooms are fully equipped for Web-Conferencing.
- **UNE** provides technical bodies and translators with specific guides that fix the national template for the development of national standards. The specific final template is applied by UNE editorial staff in order to be compatible with the UNE XML conversion. The appropriate template is provided to Spanish WG convenors for using when drafting European projects.
NEW 2024: UNE is supporting national experts with the use of OSD for drafting European and international standards. During 2024 an intensive training process has been developed involving European, international and national experts.
- UNE provides different virtual meeting facilities as GoToMeeting. Additionally Zoom and Webex are used by Spanish European secretaries or convenors of different European technical bodies.

Source: 37 ETSI NSOs.

How do you make working documents available to all Members participating in national technical bodies?	
Via a web-platform (collaboration tool)	52,73 %
Via email	40,00 %
Other	7,27 %

Submitted comments:

- **asut:** By e-mail with link to the documents on ETSI data management system.
- **CEI:** All working documents are available through IEC Collaboration Platform, which is divided into three sections: IEC working documents, CLC working documents, **CEI** working documents. **CEI** TC/SCs members have access to the three sections entering in Collaboration Platform with one single password.
- **CRC:** Web-platform is provided by BDS.

- **ILNAS** is member of ISolutions since 2019 in order to be able to use the ISO collaborative online tool at national level.
- **ITS**: ETSI ensures that all documents required for public access are made available, and our national members who actively contribute to standards drafting do so within the ETSI framework.
- **MSZT**: A web-platform (collaboration tool) is planned for October 2025.
- **Nkom** sends emails with links to documents that are on public enquiry/national vote.
- **NSAI**: ISO Documents platform - on a request for information basis due to the large volume of documents produced by ETSI and the need for manual download/upload.
- **UNE**: e-comités tool (Nuxeo technology-ISO DOCUMENTS): All the members of national technical bodies have access to the national, European and international documentation and information via this tool.

Source: 37 ETSI NSOs.

Do you provide facilities to organise polls or votes at national technical body level?	
YES	75,68 %
• On-line public commenting platform	42,31 %
• Protected web platform	17,31 %
• By email	28,85 %
• Other	11,54 %
NO	21,62 %
PLANNED	2,70 %

Submitted comments:

- **ASL**: <https://reader.austrian-standards.at/ReviewDocumentsList.action>
- **ASRO** will launch an Online public commenting platform no later than June 2025.
- **asut**: Through National Public Enquiry Portal where all current draft standards from all official Swiss standardisation organization where published ETSI Standards: <https://www.switec.info/en/national-draft-standard-portal/asut-draftstandards-presented-for-feedback/> where all current draft standards from all official Swiss standardisation organization where published.
- **CEI**: Information on and access to the draft documents in public enquiry stage are available through CEI website; CEI website permits the access to the information, the clarity and the transparency, in line with the requests of our stakeholders, including SMEs. In particular under the website section "Standardization activities" we have an area related to "Compliance with EU Regulation 1025/2012" where is possible to have access to the sub-area "Public Enquiries" by the following link: <https://www.cheinorme.it/adempimenti-al-regolamento-ue-1025-2012/inchieste-pubbliche/>. In the same page instructions are provided on the way to propose comments through the Observations template available. All the relevant parties have the opportunity to submit comments through emails. Furthermore CEI TC/SCs members received a notification by e-mail when a national public enquiry is starting.
- **CRC**: A secure web platform is provided by BDS for TC members. CRC conducts public enquiries for ETSI standards through its website and sends the documents to TC members via email.
- **HN**: Available on-line public commenting platform and also in Standards Library.
- **ITS**: By referring to ETSI. Why would we build something additionally to what already exists? Everybody in Sweden (and the whole wide world) has access to the public enquiry documents via the ETSI website and we provide a link to the always up to date list on our homepage should anybody not find the documents on the ETSI homepage.

- **NKOM** lists the documents on their web page.
- **NSAI:** <https://www.nsai.ie/standards/your-standards-your-say/>.
- **UNE** specific enquiry portal (On-line public commenting platform) for drafts under public enquiry: <https://srp.une.org> (e-comments project of CMMC, co-financed by EC and EFTA)
 - Additionally, UNE web site provides (in Spanish and English) information to the general public about all the draft standards under development and specially for those under public enquiry (complete text can be consulted via <https://srp.une.org>). It also includes information on how to make contributions.
 - UNE magazine includes the information on national drafts under public enquiry. Electronic version of UNE magazine is free available for the general public in UNE web site.
 - The specific official procedure for the public enquiry in Spain, according to Spanish legislation, sets that the Spanish Official Gazette (BOE) shall publish the monthly list of UNE projects which are under Public Consultation. During the fixed period for comments any individual interested person or entity can apply for the project and can submit comments and observations. Projects can be consulted in the different libraries sited in the UNE premises. Observations shall be analyzed and an official answer shall be sent to the commenter. Related to other NSBs and CE/EFTA: UNE reports to the other NSBs via the CMMC i-projex platform (INFOPRO-procedure) Related to participant parties: Draft documents for national public enquiry are made available via e-comités platform (livelink technology) to all interested participant parties. Related to Q.11 (as no observations box is included) we would like to clarify that a pilot experience has been developed providing the livelink poll/vote facility to some of our technical committees. Results were plenty satisfactory and some of them are using the system from now on. We have planned to extend the use of this tool progressively.

Source: 37 ETSI NSOs.

If you have a public commenting system, do you provide facilities to submit comments at various stages?

New Work Item proposals	21,21 %
Drafts under enquiry	45,45 %
Published standards (e.g., for review)	18,18 %
Other	15,15 %

Submitted comments:

- **ASI:** For the review of Standards ITS has in place the same portal for providing feedback on standards subject to systematic review. See <https://normen-entwurf-portal.austrian-standards.at/action/en/public/nationalesArbeitsprogramm/drafts>.
- **ASRO** will launch an Online public commenting platform no later than June 2025. In the meantime, there is a mechanism in place for the comments on drafts under enquiry.
- **BSI** encourages ideas and suggestions for new areas of standardization; this is open to anyone.
- **CYS:** For ETSI national Mirror Committees the public commenting is done via email, ISOLUTIONS (Collaboration Tools and Notifications through the website. For national Mirror Committees and Technical Committees that monitor the activities of CENELEC and IEC, public commenting is conducted via email. However, for joint work items between CEN/CENELEC and ISO/IEC under the jurisdiction of CEN and ISO, the ISolutions platform is utilized during both the public enquiry and formal vote stages. Additionally, public commenting for standards at different stages under the management of CEN and ISO is facilitated through the ISolutions platform.
- **DPS** standards database provide all necessary steps to realize active participation of all stakeholders at the national standards work.
- **ILNAS:** Users can automatically see the documents which are in the public enquiry stage on the ILNAS e-shop. These documents are accessible free of charge via a user account, which allows the interested parties to analyze a specific document and to submit comments to ILNAS : <https://ilnas.services->

publics.lu/ecnor/facetSearch.action?textSearch=&published=false&project=false&cancelled=false&enquiry=true.

- **ISS:** At the request of interested parties, draft standards.
- **ITS** makes it simple: feedback is received by email. If there are technical comments, they are forwarded to ETSI using the appropriate template.
- **Lithuanian Standards Board (LST):** On-line comments on published standards can be submitted at the Web store. On-line comments can be submitted for proposals to draft national standards.
- **NKOM** does not have a public commenting system, but comments can be provided to documents that are on national enquiry/national vote.
- **NSAI:** <https://www.nsai.ie/standards/your-standards-your-say>.
- **OVE** provides a monthly newsletter (OVE Standardization News) with information for various stages, i.e. NWIP.
- **UNE** magazine (monthly) includes new work item proposals. The magazine is free available as its free electronic version on UNE website, therefore projects are exposed to the comments or contributions of general public from the beginning. UNE web page also provides information on projects from new work item proposal stage. Additionally, information on specific new standardization areas proposals is disseminated via UNE's social networks. Publishes standards available without cost at UNE premises.

Source: 37 ETSI NSOs.

Do you use IT tools for the handling of comments?	
YES	72,97 %
NO	27,03 %
Planned	-

Source: 37 ETSI NSOs.

Which electronic media is used to make your published standards available?	
Web store	40,58 %
Web site (free)	23,19 %
email on request	18,84 %
Other	17,39 %

Submitted comments:

- **ASL:** web store: Title, Content and Scope are publicly available for free, including preview of first pages for each Standard. Online collection of standards ("meinNormenPaket"): meinNormenPaket (myStandardsPackage) is a service that statutory professional organizations render to their members together with Austrian Standards. This industry solution for small and medium-sized enterprises (SMEs) provides easy and inexpensive access to current ÖNORM standards. In line with the industry's structure and the number of relevant ÖNORM standards, meinNormenPaket is tailored to the needs of industry. Partners: e.g. chamber of architects, Construction Guilds.... More than 21000 customers use this special Online collection of standards ("meinNormenPaket"). Additionally we have contracts with Start-Up Centres and Maker Centres for providing an electronic reading room at their premises. Electronic reading room: The Reading Room of Austrian Standards is an online solution that allows educational institutions to search for and read standards online. As a result, students as well as teachers have easy access to the standards of individually selected subject fields. Paperless online standards management "Effects 2.0": By offering "effects", Austrian Standards provides small and medium-sized enterprises, larger organizations, educational institutions as well cities and communities with professional solutions for standards management.

Benefit from the advantages of state-of-the-art data processing, too, and always have access to continually updated standards portfolio. "meinNormenAbo" Subscription provides a convenient online access to all ÖNORM standards – at a fixed price. meinNormenAbo is a digital subscription for enterprises regularly applying ÖNORMs. This allows access to all current ÖNORM standards anytime and anywhere for a fixed monthly price.

- **ASRO:** Standards Management Platform - InfoStandard 5.0.
- **BSI** national standardization documents (PAS etc) are published free of charge, but most (including all ENs) are sold by single copy sales or subscription or membership.
- **DKE:** App.
- **DPS** National Standards Catalogue is published online at our webpage www.dps.gov.al at: <https://standard.dps.gov.al/sq/project/list> where interested parties can find there by search the standard they are interested for.
- **HNZ:** e-mail, CDs, commercial online application, free insight in Standards library on computer monitors
- **ILNAS:** Standards can be accessed through our ILNAS e-shop: <https://ilnas.services-publics.lu>. A free read-only access to our entire standardization catalogue is offered at national level on some secured lecture stations. Our pure national standards and national annexes are available free of charge on our ILNAS e-shop.
- **ITS** links to ETSI and if a stakeholder is not able to find the standard, ITS email it.
- **LVS:** All ETSI standards after transposition are available free of charge on the website.
- **MSZT:** Prescription based standards library online.
- 'NEN Connect' is an online standards library offering different subscription packages.
- **NKOM** provides links to ETSI website.
- **NSAI** webstore <https://shop.standards.ie/>.
- **PKN:** On-line read-only access to published standards (paid).
- **UNE:** All the information on published standards is weekly updated in UNE web site. Abstracts of the published standards can be free consulted. Standards can be also easily purchased via AENOR web site. "AENORmas" platform is used for selling bundles and other added value based-standard products.
- **UNMS SR:** Special web application to access published standards in PDF format for online reading on the basis of subscription contracts. Subscribers can select groups of standards for subscription also with the option to print and copy the text and pictures.

Source: 37 ETSI NSOs.

Article 24(1(e)): Cooperation between the NSOs and ETSI

Representing national and international economic interests, NSOs work for the development of business solutions for national stakeholders of all kinds.

By facilitating the creation of standards and encouraging their use, NSOs strive to improve the quality and safety of products, services and systems in Europe and beyond.

NSOs are therefore essential in the process for the approval and adoption of European Standards and European standardisation deliverables as they perform activities at national level.

The NSOs and ETSI use dedicated online and hybrid meetings to collaborate and share information. The NSO meetings are held on a regular basis. Two meetings are set immediately before each Ordinary Meeting of the ETSI General Assembly, and additional ones upon request for specific topics.

During the year 2025, the ROPs for both the NSOG and the NSBG will potentially be reviewed; the elections to respectively elect the NSBG Chair and Vice-Chair will take place in June, while those of the NSOG will take place in September.

The European Commission has requested that the rate of European standards transposed by all countries of the European Union and EFTA countries be at least 95 %. In 2023 this rate was 20 %. It rose to 54 % in 2024. ETSI, with the valuable help of the NSOs, will make every effort to achieve the objective set by the commission during 2025 and beyond to reach this target in 2027.

To follow-up on a satisfaction survey which took place at the end of 2024, actions are planned to better meet the needs of our NSOs, such as:

- Improve and revamp the [ETSI Deliverables tool](#).
- Better communicate on IT development and approval processes.
- Add relevant content to the [ETSI NSO Guide](#).
- Put in place a system that when a vote has been submitted, an automatic email confirmation is sent, and make the title translation a lot more intuitive and easy to use.
- The ETSI Secretariat in collaboration with the NSOG Chair and Vice-Chair will consult the NSOs to organise periodic thematic workshops, joint projects that involve national experts in ETSI Technical Bodies, along with online training sessions on various topics.
- Review the way results of transposed European Standards are provided in the [Transposition and Withdrawal tool](#).

Annex A: Transparency of work programs of standardization bodies (Article 3 of the Regulation)

Information about the draft standards and standardization deliverables of ETSI has been available online for any interested party, through the ETSI web site and portal. This allows interested parties to search any draft standard/deliverable (as well as published standards) in the work programme.

Article 3(1): Establishment of the ETSI work Programme

Information about ETSI draft standards and standardization deliverables is available online at the following link: <https://www.etsi.org/standards#Pre-defined%20Collections>.

Article 3(2): Information indicated in the work programme

The information provided complies with the requirements of Article 3(2):

- a) Includes the Title of the matter.
- b) The current status achieved.

Article 3(3): Availability of the work programme on the website

ETSI

The ETSI Work Programme is published and available at the following address:

<https://www.etsi.org/media-library/work-programme-and-annual-reports>.

In addition, ETSI offers a searchable and dynamically updated version of its work programme through the following form: <https://portal.etsi.org/webapp/WorkProgram/Expert/QueryForm.asp>.

ETSI NSOs

The NSOs' work programmes are made available through ETSI website and Portal at:

<https://www.etsi.org/about/our-partnerships> See "NSOs' details and standardization activities".

SMEs' reports are provided in a table under Article 6(3).

Article 3(4): Notification to the ESOs, NSBs and the European Commission

No later than the time of publication of its work programme, ETSI and its NSOs shall have notified their existence to CEN and CENELEC and to the European Commission.

See also the "Scoreboard for the work programmes of standardisation bodies" containing the information already available to the EC (https://ec.europa.eu/growth/single-market/european-standards/notification-system/work-programmes-standardisation-bodies_en).

Article 3(5): Consideration at European level of a work item being dealt at National level.

ETSI NSOs, comply with the requirement that they may not object to a subject in their work programme being considered at European level, as required by Article 3 (5) of the Regulation. Such commitment is captured in writing as part of the ETSI-NSO Memorandum of Understanding setting the framework for NSO involvement in ETSI.

Article 3(6): Avoidance of actions at national level which could prejudice the (existing or intended) standardization at European level when a harmonised standard is under preparation or after its approval.

ETSI complies with this requirement. Moreover, it applies this requirement in the case of any existing (harmonised or not) European standard or draft, through the principle of standstill. This policy has applied since the creation of ETSI in 1988. This principle, laid out in the ETSI Directives, also applies to NSOs that are not ETSI members (and therefore not bound by the ETSI Directives) as these provisions also appear in the ETSI-NSO Memorandum of Understanding setting the framework for NSO involvement in ETSI. Taking into account that Article 3(6) only refers to the case when a harmonised standard exists or is under preparation. ETSI (as with CEN and CENELEC) has a strict policy regarding any action that could prejudice the existing or intended harmonisation at European level.