



2021 Report

to the European Commission
on the CENELEC implementation
of Regulation (EU) N° 1025/2012
on European Standardization

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The Annual Report for 2021

The present report is prepared by the European Committee for Electrotechnical Standardization (CENELEC) as a self-standing document pursuant to Art 24 of Regulation (EU) 1025/2012 (hereby referred to as “the Regulation”). It is the 9th annual report of its kind submitted by CENELEC after the entry into force of the Regulation on 1 January 2013.

The objective of the document is to reply to the legal requirements of Art 24 (1) of the Regulation, by following the structure of that article. It thus contains five main chapters addressing:

- (1) the application of Articles 4, 5, 10, 15 and 17 of the Regulation,
- (2) the representation of small and medium enterprises (SMEs), consumer organisations and environmental and social stakeholders in national committees,
- (3) the representation of SMEs on the basis of the national committees, i.e. the CENELEC members’ annual reports,
- (4) the use of ICT in the standardisation system
- (5) the cooperation between the national committees and European standardization organisations.

In addition to the requirements of Art 24 (1) of the Regulation, Art 3 of the Regulation requires transparency of the work programmes of the NCs. Consequently, Annex 3 of this report includes information on the annual work programmes of which in Art. 3 of Regulation 1025/2012.

Much of the data input for this report was gathered through an online survey sent to the members of CENELEC, i.e. the National Committees (NCs), during January 2022. All website links mentioned in this report were valid and active as per January 2022.

Art 24 (1 a) Application of articles 4, 5, 10, 15 and 17

Art 4: Transparency of standards

Art 4 (1) Draft standards and deliverables upon request

Art 4 (2) Replies to and consideration of comments

Art 4 (3) Consultation with the ESOs and the EC

CENELEC

Art 4 (1): CENELEC provides draft European standards or European standardization deliverables to the other ESOs (CEN and ETSI), or to the EC, or to the EFTA Secretariat on request. Moreover, the EC and EFTA Secretariat have permanent access to CENELEC's (draft) standards.

Art 4 (2): CENELEC replied to, and took due account of, all comments received from the other ESOs, the NCs, and EC/EFTA, as foreseen in CEN and CENELEC Internal Regulations.

Art 4 (3): CENELEC was not consulted on any national draft, as no comments were received in NCs in application of that article of the Regulation.

CENELEC National Committees

The National Committees of CENELEC apply Art 4 of Regulation 1025/2012 as shown in the table below, as a way to guarantee transparency on the national draft standards. In addition, it should be noted that CENELEC members apply an additional notification process prior to starting national work, which is called the [Vilamoura procedure](#) [see Annex 3 Art 3 (6)] which not only increases transparency but also may derive national work to European (CENELEC) and International (IEC) levels when there is a wide interest on the topic.

Action	Result	Remarks
Art 4 (1): National drafts requested	0 draft	---
Of which National drafts provided	0 draft	---
Art 4 (2): Comments received	0 comment	No comment received
Comments timely replied and taken into account	0	---

Action	Result	Remarks
Art 4 (3): Comments indicating that their draft standard would have a negative impact on the internal market	0 comment	---
Consultations of ESOs and EC before adopting the national drafts	N/A	---

Source: Data provided by NCs.

Art 4 (4 - a) Access to draft national standards

According to Art 4 (4 - a) of the Regulation, NCs shall ensure access to draft national standards in such a way that all relevant parties, in particular those established in other Member States, have the opportunity to submit comments.

All NCs make available draft national standards to all requesting parties and have put in place ways to receive comments.

Most of the NCs have decided to implement online commenting platforms. Some other CENELEC members have planned to develop similar platforms.

Action	Result	Remarks
Online platform available	24 platforms (70,6%)	Compared to last year, one NC more has an online platform
Online platform planned or under development	1 platform (2,9%)	1 NC with plans for online commenting platforms: <ul style="list-style-type: none"> • 1 for 2023

Source: Data provided by NCs.

In addition, some CENELEC Members publicise the draft standards on the website and provide on request access to them, and receive comments, via e-mail or through a protected platform.

Art 4 (4 - b): Involvement, active or passive, of other NCs

According to Art 4 (4 - b) of the Regulation, NCs shall allow other NCs to be involved passively or actively, by sending an observer, in the planned activities.

All CENELEC members welcome the involvement, either active or passive, of other NCs in their planned national standardization activities. During 2021, the following number of delegations from NCs participated either actively (i.e. receiving documents and sending observers to the meetings) or passively (i.e. receiving documents and making comments by correspondence) in the committees of other NCs:

In 2021, we notice that the active and passive involvement slightly increased.

Item	Active involvement of another NC	Passive involvement of another NC
Requests	8	14
Access rate	100%	100%

Source: Data provided by NCs. Some data provided does not distinguish between CENELEC and CEN.

CENELEC Guide 8 contains guidelines promoting the collaboration between the NCs. The guide is available at this link:

https://boss.cenelec.eu/media/Guides/CLC/8_cenelecguide8.pdf

Art 5 Stakeholder participation in European standardisation

Art 5 of the Regulation addresses stakeholders' participation in European standardization. The first paragraph of the article focuses on the participation of the European stakeholder organizations mentioned in Annex III of the Regulation, i.e. organizations representing SMEs, consumers, environmental and social interests in standardization. The second paragraph of article 5 of the Regulation takes into account other stakeholders such as market surveillance authorities in the Member States, research facilities of the EC, undertakings, research centres, universities and other legal entities.

Art 5 (1) Participation of Annex III organizations in CENELEC

Art 5 (1) of Regulation points out that the organizations recognized under Annex III have an important role to play in the representation of relevant stakeholders in European standardisation.

During 2021, CENELEC has encouraged and facilitated an appropriate representation and participation of the European Association for the Coordination of Consumer Representation in Standardisation (ANEC), the European Environmental Citizens Organisation for Standardisation (ECOS) as well as the Small Business Standards organization (SBS) both at policy and technical level. This report will first lay out the participation in CENELEC at policy level and secondly the participation in CENELEC at technical level.

At policy level, ANEC, ECOS and SBS have access to the following Governing and Policy Groups and decisions:

- CENELEC General Assembly
- Reception of CENELEC AG decisions by correspondence
- High level open meetings
- Other CENELEC or CEN-CENELEC Working Groups (WG), advisory groups, task forces, platforms and other groups dealing with issues having a political or corporate relevance, where such participation is envisaged in

the Terms of Reference (ToR) of the group, or upon Chair invitation, such as the CEN and CENELEC Policy groups.

The ad-hoc dedicated long-standing CEN-CENELEC WGs are:

- ANEC, ECOS and ETUC participate in the CEN-CENELEC **Societal Stakeholders Group** (SSG), that met on 18 October 2021;
- SBS participates in the CEN-CENELEC **Working Group for SME** (SME-WG), together with CEN-CENELEC members and other SME-related European organisations (see also section 6.2). The meeting took place on 23 February 2021.

Both Groups report to the CEN-CENELEC Presidential Committee as evidence of the relevance of these matters for CEN and CENELEC.

Other measures have been implemented in close cooperation with Annex III organizations to improve their participation and contribution to European standardization:

- **Opinion on (final) draft standards:** Since the 1st January 2017, ANEC, ECOS and ETUC have the right to submit an Opinion on (final) draft standards during the enquiry and voting stage of the draft standard. The opinion, in addition to the already existing right to submit comments on a standard under development, gives these societal stakeholders organizations (SSOs) the opportunity to express their views on a given standard and its potential impact on society. CEN Technical Bodies are committed to consider this Opinion and to provide feedback to the submitter, and in particular for “unfavourable” opinions. In 2021, CENELEC received 39 Opinions (25 favourable, 14 not favourable).
- **Availability of an eLearning course for societal stakeholders:** CEN and CENELEC together with ANEC, ECOS and ETUC developed an eLearning course for societal stakeholders, covering consumers’, environmental and social interests in standardization. The course targets not only standards-writing organizations, but also consumers, environmental organizations and trade union. It was launched on 12 October 2018 at the occasion of World Standards Day and explains how standards benefit these stakeholders, how their interests are addressed and how their voice is considered in standards development at European but also national and international levels (www.standards4all.eu). In 2021, CEN and CENELEC, in cooperation with the societal Annex III organizations, revised and updated the content of the tool and further promoted the course (events, trainings, social media posts, etc.). The tool has proven to be relevant and successful with a constantly growing participation rate every month.

At technical level, representation and participation of Annex III organizations are encouraged in the following fields (as required in the Art 5 (1) lit. a - e):

- (a) The proposal and acceptance of new work items;
- (b) The technical discussion on proposals;
- (c) The submission of comments on draft and final draft standards;
- (d) The revision of existing European standards or European standardization deliverables;
- (e) The dissemination of information of, and awareness-building about, adopted European standards or European standardization deliverables.

The European stakeholders' organizations complement at European level the participation of SMEs, consumers, environmental and social stakeholders, participating in the national delegations and/or in the mirror national committees and Working Groups (for details of this participation, please refer to the section on [Art 24 \(1 b\)](#) of the Regulation in this report).

Annex III organizations have access to all the stages of standards' development as prescribed above. They participate also as observers in the meetings of the CEN Technical Board (CEN/BT), and they receive all documents, both for the meetings and for the weekly dispatch by correspondence, like the BT Members. They also have been granted observership in technical committees (TCs) and subcommittees (SCs), as well as participation in WGs. Through their particular partnership status, they have access and are encouraged to directly participate in all the above-mentioned stages. ANEC, ECOS and SBS participated during 2021 in the following technical bodies:

Technical bodies	ANEC	ECOS	SBS
TOTAL	63	103	20
BT	yes	yes	yes
AG	yes	yes	yes
TC	9	18	2
SC/SR	/	1	/
WG	30	63	8
CEN-CENELEC/JTCs TC	7	3	4
Miscellaneous groups (Sector Fora, Coordination group, ad-hoc Groups, etc.)	15	16	4

Art 5 (2): Representation of other stakeholders in standardization

Art 5 (2) of the Regulation states that the ESOs shall encourage and facilitate appropriate representation, at technical level, of undertakings, research centres, universities, and other legal entities in certain circumstances.

Representation at technical level can take place through CENELEC directly or through NCs. In the latter case, it should be noted that national delegations participating in CENELEC TCs or SCs are open to undertakings, research centres, universities and other legal entities. They can also participate by representation through experts in working groups in the corresponding NC.

At the level of CENELEC various ways of representation are illustrated hereinafter.

Research community and liaisons with CEN technical bodies

CEN and CENELEC actively promote the concept of 'Project Liaison' to facilitate interaction between researchers and standardization communities. The liaison enables a research project representative to participate as an expert in the relevant meetings of the TCs and WG thus contributing to and being aware of the technical work.

During 2021, 4 projects liaisons were started: RECLAIM (with CEN/TC 319), TN ITS (with CEN/TC 278), NanoFabNet (with CEN/TC 352) and aqua3s (with CEN/TC 164).

Groups on research and innovation

All activities related to research, innovation and standardization fall under the responsibility of the joint CEN-CENELEC BTWG 3 'STAIR - Standardization, Innovation and Research'. In 2021, BTWG STAIR renewed its Terms of Reference to reinforce the ambition of supporting CEN-CENELEC

Strategy 2030 objectives and implementation and reappointed Prof. Knut Blind as chair of the group until the end of 2024.

In 2021 CEN and CENELEC continued their close cooperation with EURAMET in contributing metrology research needs resulting from their standardization activities to the European Partnership on Metrology. All CEN and CENELEC Technical Committees were approached to inform on their metrology research needs. On 6 October 2021, a webinar took place to explain the process and opportunities to the standardization experts. In preparation of calls for proposals to be launched in 2022, by the end of 2021, 14 needs were submitted to EURAMET as input to the Metrology Partnership - Normative Call 2022. These needs were also collected through the same process from CIE, the International Commission on Illumination and from our international counterparts ISO and IEC.

The needs for metrology research communicated to Euramet in the context of our cooperation are presented on <http://www.metpart.eu/normative-call-2022>, under "orientation tab".

CEN-CENELEC Research helpdesk

The CEN-CENELEC Management Centre continued to maintain a dedicated helpdesk to support research projects in their interaction with standardization. The launch of the new European Framework Programme for Research and Innovation (Horizon Europe) in 2021 represented an opportunity to reinforce CEN and CENELEC commitment in promoting the role of standardization in support of research. On 9 April 2021 a webinar was organized to explain how strengthening the link with Horizon Europe projects can ensure timely inclusion of research results into standardization activities, as well as how standardization can boost the dissemination of project results and ensure their market uptake.

Cooperation with the Joint Research Centre of the EC (JRC)

In 2021 CEN and CENELEC renewed their collaboration agreement with the Joint Research Centre of the European Commission (JRC) for further five years. Through the agreement, the three organisations aim to enhance the exchange of knowledge and expertise between scientific research and European standardization. One of the main initiatives developed jointly by CEN, CENELEC and JRC is Putting-Science-Into-Standards (PSIS), which aims to facilitate the identification of emerging science and technology areas that could benefit from standardization activities to enable innovation and promote industrial competitiveness.

In April 2021 the PSIS workshop 'Organ on Chip: Towards Standardization' gathered more than 200 participants from academia, industry, policy makers, regulatory experts, and standardizers. As a result, a CEN-CENELEC Focus Group on Organ on Chip (FG OoC) was created by the CEN and

CENELEC Technical Board and will start its activity in early 2022. The Focus Group shall ensure interaction between all relevant European stakeholders interested in potential standardization in the field of OoC, map ongoing activities, define priority needs and opportunities and recommend further action to ensure that standards support the deployment of OoC in industry and help to ensure its regulatory acceptance.

In 2022 the PSIS action will focus on 'Data Quality Requirements for inclusive, Non-biased, Ethical AI'.

Art 10: Standardisation requests to ESOs

In 2021, CENELEC accepted one standardization requests issued by the European Commission, which was also accepted by CEN.

As reported in the table below, CENELEC has provided to the EC a timely reply - within one month of receipt of the standardization request - in 100% of the cases as foreseen in Art. 10 (3) of Regulation 1025/2012.

Number	Title	Accepted	Within 1 month
M/573	Servers and data storage products, in support of Regulation (EU) 2019/424	Yes	Yes
M/575	Medical devices, in support of Regulation (EU) 2017/745, and In vitro diagnostic medical devices, in support of Regulation (EU) 2017/746	Yes	Yes
M/579	Performance, safety and sustainability requirements of batteries, in support of the upcoming Sustainable Batteries Regulation	Yes	Yes
M/580	Conformity assessment & accreditation, in support of Regulation (EC) 165/2008	Yes	Yes

SRAHG: an early consultation of relevant stakeholders for a timely reply to the European Commission

Following a decision of CEN and CENELEC Technical Boards (BTs), for each draft Standardisation Request from the EC, an Ad-hoc Group (so-called SRAHG) is setup in order to ensure prompt coordination between, and input from, all relevant stakeholders including Technical Board Members, Partner Organizations, Liaisons as well as other relevant parties, including ISO and IEC representatives. It allows the timely submission of CEN and/or CENELEC contribution to the European Commission and development of a consensus view about acceptance/refusal of a standardisation request for submission to the Technical Boards. Ultimately, it helps CEN and/or CENELEC to be in the position to provide a timely reply to the EC when the formal Standardization request is issued.

In 2021 the following Standardisation Request Ad Hoc Groups were created:

- 1) SRAHG 'Cybersecurity related aspect of the Radio Equipment Directive' (January 2021)
- 2) SRAHG 'PED & SPVD' (February 2021)
- 3) SRAHG 'Fertilizers REV' (March 2021)
- 4) SRAHG 'Accessibility' (June 2021)
- 5) SRAHG 'Interoperability of the rail system within the European Union' (June 2021)
- 6) SRAHG 'Ecodesign and energy labelling requirements of light sources' (September 2021)
- 7) SRAHG 'Lifts' (December 2021)
- 8) SRAHG 'Plastic recycling and recycled plastics' (December 2021)
- 9) SRAHG 'Postal services' (December 2021).

Actions to improve processes for the standardization requests

It is to be noted that in consequence of the decision of the European Commission in 2018 to modify the model of the standardization requests (SReq) following the EC interpretation of the rulings of the EU Court of Justice, CEN and CENELEC and their Members have invested time and resources in exchanges with the Commission on each draft SReq to ensure its feasibility, by:

- Ensure cooperation with the EC services during the preparation of the annexes of the standardization requests, containing the prescriptive and exhaustive list of standards;
- Have internal discussions among Members in order to understand the technical feasibility of the request and therefore the subsequent decision of CEN and/or CENELEC on the possible acceptance.

In 2021 an ESOs-EC Joint Task Force has been setup to overcome the recurrent issues related to the SReq drafting and execution, the effects of which are expected to bring benefit as of 2022 (see paragraph 24.1(e).

Art 15 and Art 17: Financing and financing arrangements

The financing of European Standardization is governed by Chapter V of the Regulation (Art 15 to Art 19). While Art 15 itemises what actions may receive Union financing, Art 17 specifies how financing may be granted.

The following two tables show standardization activities for which Union financing was received in 2021 (Art 15 of the Regulation). At the same time, they provide an overview on the way of financing (Art 17 of the Regulation). The first table shows operating grant money in the sense of Art 17 (2 - b) while the second table shows financing on the basis of grant agreements, so called grants for actions as stipulated in Art 17 (2 - a).

For contracts signed before 2021, the cooperation objectives, administrative and financial conditions applied were defined within the Framework Partnership Agreement 2014 signed between the EC and CEN on 24 June 2014, its first amendment of 25 August 2015 and the second amendment signed on 21 December 2020, as required by Art 17 (5) of the Regulation. Grant agreements to be signed in 2022 shall be agreed under the Single Market Programme (SMP) Regulation.

Related to art. of the Regulation 1025	Type of agreement	# Proposals	Total amount submitted to EC/EFTA	# Contracts	Total amount committed by EC/EFTA	Amount available for National Standardisation Bodies/Committees	Amount available for CCMC operational costs	EC DG/Agency in charge	EC co-funding part	# National Standardisation Bodies/Committees involved
OPERATING GRANTS		1 CEN-CENELEC	€2.435.442	2	€2.435.442	€0	€2.435.442	GROW	€2.313.670	N/A
Art. 15 (1 c) & Art. 17 (2 b)	Audit costs	-	-	-	-	-	-	-	-	-
Art. 15 (1 d) & Art. 17 (2b)	CCMC operational costs	-	€2.435.442	-	€2.435.442	N/A	€2.435.442	-	€2.313.670	N/A

Table: Funding of Operating Grants - Source: CEN – CENELEC

The **Operating grants** are agreements that aim at supporting CEN and CENELEC as ESOs by providing co-financing on a portion of CCMC's total operational eligible cost for EC & EFTA). The Regulation refers to operating grants in Art 17 (2 - b).

Related to art. of the Regulation 1025	Type of agreement	# Proposals	Total amount submitted to EC/EFTA	# Contracts	# Contracts under Standardization requests	# Contracts not under Standardization requests	Total amount committed by EC/EFTA	Amount available for National Standardisation Bodies/Committees/C consultants	EC DG/Agency in charge	EC co-funding part	# National Standardisation Bodies/Committees involved
SPECIFIC AGREEMENTS		4 CEN	€10.039.012	-	-	-	-	-	-	-	-
Art. 15 (1 a) & Art. 17 (2a)	Action grants (normative work)	3 CEN	€8.316.778	-	-	-	-	-	-	-	-
Art. 15 (1 c) & Art. 17 (2a)	Action grants (prenormative work)	1 CEN	€1.722.234	-	-	-	-	-	-	-	-
Art. 15 (1 e) & Art. 17 (2a)	Action grants (translation of european standards)*	-	€0	-	-	-	-	-	-	-	-
		-	€0	-	-	-	-	-	-	-	-
Art. 15 (1 g) & Art. 17 (2a)	Action grants (promotion of the European standardisation system at international level)*	0	€0	-	-	-	-	-	-	-	-

* Action grant only funded by EC

Table: Funding of Grant Agreements - Source: CEN - CENELEC

Grant agreements are grants provided by the EC to support specific standardization related activities: the **translation grants** aim at co-financing the cost for translating standards into languages of the European Union other than the three official languages at CEN (English, French, German). The **action grants** aim at co-financing the development of some standards requested by the EC/EFTA and are referred to in Art 17 (2 - a) of the Regulation.

Since April 2021, DG GROW delegated the management of the grant agreements to the European Innovation Council and SME Executive Agency (EISMEA). The submission process of the proposals is tributed on the call for proposals launched by EISMEA. End of 2021, EISMEA launched 1 call of interests covering 5 topics to which CEN answered with 4 proposals to be assessed end of 2021/beginning 2022. Out of the 4 proposals for grant agreements submitted/reactivated in 2021 to the EC/EFTA for a total budget of €10.039K, no contract was signed in 2021 as the proposals were under still under review by EISMEA beginning of 2022. Contracts should be signed by Q1/2022.

Art 24 (1 b): Representation of SMEs, consumer organisations, environmental and social stakeholders in NCs

Art 24 (1 - b) of the Regulation requires detailed information on the representation of SMEs, consumer organizations, environmental and social stakeholders at national level. In analogy to information on their representation on the European level as required by Art 5 (see above), the following section distinguishes between participation in NCs at policy and technical level for each of the categories.

Representation at policy level

The following table shows participation of the Art 24 (1 b) organisations in NCs at policy level. These figures cannot be taken as isolated data, as CENELEC members devote important resources to encourage and facilitate an appropriate representation and effective participation of all relevant stakeholders.

Stakeholder groups	Number of NCs where stakeholder groups are represented	Comparison with 2020
SME	31 (91,2%)	(same)
Consumer	22 (64,7%)	(same)
Environmental	21 (61,8%)	(- 1)
Social	17 (50,0%)	(- 2)

Source: Data provided by NCs

There are several ways by which CENELEC National Committees promote and allow the participation of these stakeholder groups at policy level, for instance, participation in the General Assemblies, Administrative Board, Executive Boards, Board of Directors, and other Standing/Policy/Strategic Advisory committees. Some of these Policy or Strategic committees are generic (i.e. covering all stakeholder groups) or specialised (SMEs, consumer, environmental, social).

Representation at technical level

During 2021, CENELEC members have been committed to facilitate an appropriate representation and effective participation of SMEs, Consumers, Environmental and Social interests in standardization in the different national (and/or mirror) committees.

Stakeholder Group	National technical bodies considered relevant for representation by NCs / total technical bodies	National technical bodies with interests represented / national technical bodies considered relevant for Stakeholder Groups by NCs
SME	82,4%	78,3%
Consumer	20,0%	54,5%
Environmental	16,8%	45,2%
Social	13,5%	75,4%

Source: Data provided by NCs.

Art 24 (1 c) Representation of SMEs

Art 6 (1): NCs to encourage and facilitate the access to standards

This section will first provide examples of activities, carried out by some NCs to promote access of SMEs. Subsequently, it will follow the structure of Art 6 (1) from a to f of the Regulation. It contains examples of good practices applied by CENELEC members. It should be emphasised that the list of possible activities from a) to f) in Art 6 (1) is indicative.

Access to standards and standardisation:

- Special licence fees for standards of interest to SMEs
- Edition of specific publications (e.g. guides) and publication of national standards with specific interest to SMEs
- Substantial reduction of the price of standards for all stakeholders compensated by higher number of standards' library subscriptions following SMEs' demand
- Packages of standards and online standards reading services at reduced prices for all (incl. SMEs)
- Incentive scheme for SMEs: grants provided for participation as national experts in Technical Committees
- Provision of targeted services (free or at a low price) to SMEs such as subscription to 'news on recently published standards' and online reading of standards.
- Ad-hoc section of NC website on *forthcoming standards* where every month information is published about important and popular draft standards, which are to be published in the coming months. Information is provided on the expected date of publication, the standard's scope, withdrawal of other related standards, responsible TC, etc.

- Free ad-hoc consultancy services to SMEs providing required clarifications or expert opinions on the application of particular standards. It facilitates SMEs in their understanding of the standards they work with, for which they get a support from internal and external experts.
- Translation of standards: some NCs translate many of the European standards into their national language(s). In some cases, international standards are also translated.
- Provision of on-site access to standards libraries which may contain published national, European, international and foreign standards and standardization documents.
- Some members delegate the secretariat of national committees to sector federations or associations, which draw together SMEs and other specific stakeholders, thus contributing to the dissemination of standards and promoting participation in their development.
- Establishment of a separate unit called 'The Innovation Lab' to investigate how barriers to participation in the standardization process can be eliminated.
- Annual agreement for a special subscription scheme with the Ministry of Energy, Commerce and Industry where the beneficiaries are SMEs registered in the "Company Registry and Official Receiver".
- Upon request SMEs can use the organization's Vocational Training Center at special rates for their training or meeting needs.
- Due the pandemic situation some NCs have increased the number of free of charge workshops and seminars by improved informatic tools. These tools have permitted the increase of the number of people to follow workshops and seminars.
- Development of a fast track standard product with the National Specifications, that can be used to produce a standard product in a short lead time and within the quality requirements.
- Establishment of a 'Commission SME' aiming at providing an easier access to cross section standards for SMEs Politics

Dissemination of information:

- Training module - free of charge sessions - developed for stakeholders interested in standardization (incl. SMEs) aiming at increasing their awareness of standards and standardization and encouraging their participation to the standardization process.
- Training (in cooperation with industry and associations): online seminars, conference, webinars, SME Helpdesks, special portals for SME, SME consultants, etc.
- Educational programme about Standardization activities, with dedicated module to raise awareness and attract participants (including SMEs) to

standardization activities, and also CE marking, CEN, CENELEC, ISO and IEC activities

- Twinning seminar with NCs, Small Business Standards (SBS) and Chamber of Commerce
- Special events relevant for SMEs: innovation contests and awards for students, start-ups and scale-ups
- Debate sessions to present new standardization initiatives
- Workshops/events - free of charge - for new work items targeted to SMEs/Societal stakeholders
- Meetings, open to all stakeholders, to raise their awareness of ongoing work before processing standards drafts
- Participation and presentation in trade fairs on the voluntary standardization system and importance of participation of SMEs in standardization.
- Information meetings with entrepreneurs about the benefits of standardization

- Promotion in an ad-hoc section in websites of the video 'Standards, business tools for SMEs' (<https://www.cencenelec.eu/get-involved/small-and-medium-enterprises-smes/smes-and-standards/success-stories-and-best-practices/>)
- Publications: monthly or quarterly newsletters, standardization reports, magazines, press releases, dedicated web sites and toolboxes, links on third party web sites, workshops, brochures, articles professional, social networks (Twitter, LinkedIn, YouTube, etc.)
- Special sections of NCs' newsletters dedicated to SMEs. These include novelties in standardization, present, popular, new and important standards and aim at attracting new participants to the standardization process
- Business information centre providing information in national languages and 'on the spot' information on published national, European and international standards and offering copies of all national and European standards
- Sector-specific information services on standardization projects

Networking and building partnerships:

- Commercial and institutional agreements (partnership/membership) signed with SME associations.
- Agreement with representative associations for a wider distribution of standards to electrical project developers
- Cooperation (a/o agreements) with professional and industry associations particularly relevant for or representing SMEs
- Memorandum of Understanding with chambers of commerce, where SMEs are well represented
- SME contact person providing specific support

Sharing of best practices between members:

- Participation of NSBs and NCs in the CEN-CENELEC SME Working Group
 - Sharing views and experiences in the Joint Initiative Groups on inclusiveness (JIS Actions 9, 10 and 15)
 - Special cooperation agreements between NCs of different countries
 - Joint workshops or working groups of NCs from different countries
 - Staff visits to other NCs in view of further improving the standardization processes and IT tools
 - Regional NC fora to exchange best practices
 - Joint events organised by two or more NCs
- Memorandum of Understanding (and bilateral agreements) signed between some NCs for exchanging best practices (incl. an obligation related to SMEs).

Art 6 (1 - a): Identifying, in their annual work programmes, the standardisation projects, which are of particular interests to SMEs;

58,8% of the NCs identify standards projects which are of particular interest to SMEs in the following ways (a way does not exclude the others):

- 20,6% of the NCs identify the standards in their annual work programme;
- 32,4% identify them through their website;
- 23,5% identify them through dedicated mailings.

To be noted that some of the above NCs identify projects through a mix of the three means.

Some other interesting practices identified in one or several NCs:

- Sending of quality managers (and/or internal assessors) to the newly created CEN-CENELEC group 'Experts' feedback' to scout for best practices
- NC role dedicated ('Innovation broker') to raising awareness on the value of standardization for ensuring market acceptance of innovation products
- Participation in formalized fora with NCs at Technical Board (BT) and Administrative Board (CA) level
- NC meeting facilities offered to SMEs (and their associations) at a discount price
- Identifying potential SMEs and encouraging them to become active members of NCs
- Network of NCs, having either the same size, speaking the same language or from the same geographical area, to exchange best practices
- Exchange of practices during European Standards Organizations (ESOs) meetings, working groups or workshops
- Participation to ERASMUS+ programme, one of its aims being the exchange of best practices
- NC contact point responsible for answering queries from other NCs on how it interacts and engages with SMEs
- NC participation in funded (sectoral) study visits to other NCs

- Free participation to the standardization process and offer with the help of ANEC many free services in the field of standardization (incl. trainings, standards analysis, specific standards watch)
- Activity in the different strategic groups, projects, workings groups and task forces.

Art 6 (1 - b): Access without membership

SMEs have access to NCs without obligation to become member of the NC in 32 NCs. Hereinafter follows a list of details in respect of SME access without membership.

- 76,5% provide direct participation in national technical committees
- 50,0% provide specific assistance to SMEs, while 100% has a contact point (e.g. SME helpdesk (<https://www.cenelec.eu/get-involved/small-and-medium-enterprises-smes/smes-and-standards/local-support-for-smes/>))
- 35,3% provide an online support
- 64,7% provide consultation of texts of standards
- 82,4% provide assistance for commenting on drafts

Art 6 (1 - c): Free access or special rates in standardisation activities

SMEs benefit from free access or access at a special rate to participate in standardization activities in the majority of NCs (91,2%). The following enumeration provides further details in this respect:

- 55,9% of NCs provide SMEs with free access to all standardization activities
- 17,7% provide SMEs with special rates for participating in national technical committees
- 26,5% provide SMEs with special rates for workshops
- 29,4% provide SMEs with special rates for attending training sessions
- 17,7% provide SMEs with special rates for the use of logistics (meeting rooms, promotional material, etc.)
- 47,0% provide SMEs with special rates to discount prices to members/subscribers (EN standards)

Art 6 (1 - d): Free access to draft standards

100% of CENELEC members offer free access to draft standards. More specifically (one modality does not exclude the others):

- 79,4% of NCs facilitate draft standards to be consulted at their premises (e.g. library)
- 73,5% of NCs provide online access to draft standards
- 20,6% of NCs send drafts by e-mail, or proactively send drafts to identified stakeholders for comments, or have different libraries all over the country to access drafts and other measures.

Art 6 (1 - e): Abstracts of standards available free of charge

100% of the NCs make available abstracts of standards free of charge. In particular (one modality does not the exclude the others):

- 91,2% provide this access through their website
- 14,7% provide a link to the CENELEC website
- 26,5% provide it upon request by email
- 8,8% provide other access, such as through the standards database, through a web store or similar.

Art 6 (1 - f): Special rates for standards or bundles at a reduced price

76,5% of the NCs provide access to standards or bundles at a special rate and 1 Member (2,9%) is planning to provide this access during 2022. In more detail (one modality does not the exclude the others):

- 61,8% provide the special rates for bundles, and/or
- 29,4% for the provision of standards.

Art 6 (2): Exchange of best practices by NCs

Art 6 (2) of the Regulation requires NCs to exchange best practices aiming to enhance the participation of SMEs in standardisation activities and to increase and facilitate the use of standards by SMEs. There are various forms of exchange of best practices and of increasing and/or facilitating the use of standards respectively. These are outlined hereinafter.

SME Working Group (SME-WG)

CEN and CENELEC national Members, together with Small Business Standards (SBS) as well as other SME-related European organisations and EC and EFTA representatives, participate in the CEN-CENELEC SME Working Group that serves as a forum for the exchange of information, national experiences and best practices to further support and encourage the participation of SMEs in the ESS. It aims at supporting the further participation of SMEs and their increased used of European standards.

In 2021, the SME-WG supported the revision and update of the dedicated SME pages and tools available on the CEN and CENELEC website in the framework of the launch of the new CEN-CENELEC website that year. This includes an SME Toolbox and national SME helpdesks (see below), Tools for NSBs/NCs on how to promote SMEs participation in the ESS, a tailored FAQ, Success Stories & best practices, etc.

Other platforms: Several NSBs have dedicated forum, workshops or joint collaboration activities with other NSBs to exchange best practices that are often, but not exclusively, based on geographical or linguistic proximity.

SME Helpdesks

National SME Helpdesks are one-stop service points to introduce SMEs to the benefits of standardization and to the business tools required to access the European Standardization System. Each NSB member of CEN or CENELEC have set up a SME Helpdesk. Those local helpdesks provide support in their respective languages and tailored to the situation in the country. More information can be found on the CEN and CENELEC SME website at the following link:

<https://www.cencenelec.eu/get-involved/small-and-medium-enterprises-smes/smes-and-standards/local-support-for-smes/>

SME Toolbox

The CEN-CENELEC SME Toolbox of Solutions is available on the website <https://www.cencenelec.eu/get-involved/small-and-medium-enterprises-smes/tools-for-smes/> . The toolbox leads SMEs thought a journey to better understand how using standards can benefit their business, how they can identify the standards relevant to them and how to get support from their national CEN member in order to shape the content of future standards.

Art 6 (3): NCs' Annual reports for SMEs

Pursuant to Art 6 (3) of the Regulation NCs shall send annual reports to the ESOs regarding measures relating to SME's access to standards (including the aforementioned Art 6 (1) and Art 6 (2) of the Regulation). The NCs shall publish those reports on their websites.

The following table lists the CENELEC member's URL to these reports.

Organisation	Comments
AFNOR	https://www.francenormalisation.fr/gouvernance/comites-consultatifs/
ASRO	https://www.asro.ro/portal-pentru-imm-uri/
BDS	https://bds-bg.org/en/bds-activities-to-support-smes-in-2021_p5180.html
BSI	https://www.bsigroup.com/en-GB/about-bsi/uk-national-standards-body/Work-programme-SME-Report/
CEB-BEC	https://www.ceb-bec.be/files/Reg1025_Art-63_CEB-BEC_SME_Report_Jan2022.pdf
CEI	https://www.ceinorme.it/doc/istituzionali/RelazioneAttivita2020.pdf
CYS	https://www.cys.org.cy/o-organismos/diakyvernisi-etairiki-ypefthnotita
DKE	www.dke.de/KMU
DS	https://www.ds.dk/da/om-standarder/hjaelp-til-smv-er-og-ivaerksaettere
Electrosuisse	https://www.switec.info/de/wto-enquiry-point/kmu-portal/
ELOT	http://www.elot.gr/324_ELL_HTML.aspx
EVS	https://www.evs.ee/images/uploaded/SME%20Raport%202021.pdf
HZN	http://www.hzn.hr/default.aspx?id=504
ILNAS	https://portail-qualite.public.lu/content/dam/qualite/fr/publications/normes-normalisation/information-sensibilisation/activites-normalisation-pme/rapport-pme-v-1.pdf
IPQ	http://www1.ipq.pt/pt/normalizacao/ipq_organismo_nacional_normalizacao/regulamento_europeu/Paginas/Regulamento_Europeu.aspx
ISRM	https://isrm.gov.mk/en/small-and-medium-size-enterprises_p1117.html
ISS	https://iss.rs/sr_Cyrl/download/page-section/document/10247
IST	https://www.stadlar.is/thjonusta/fyrir-litil-og-medalstor-fyrirtaeki.aspx
LST	https://www.lsd.lt/index.php?-100639325
LVS	https://www.lvs.lv/page?slug=darbibas-parskati
MCCAA	https://mccaa.org.mt/Section/Content?contentId=1274
MSZT	http://szabvanykonyvtar.mszt.hu/ https://prod.mszt.hu/hu-hu/tanusitas/hirek/2020/10/ginop-1211-20
NEC	https://www.nen.nl/media/wysiwyg/Jaarverslag_2021_-_activiteiten_NEN_voor_MKB.pdf
NEK	https://www.nek.no/standarder/om-standardisering/
NSAI	https://www.n sai.ie/images/uploads/standards/1025_SME_Report_2022-01-29.pdf
OVE	https://www.ove.at/medien-pr/jahresberichte/aktueller-jahresbericht/
PKN	https://www.pkn.pl/sites/default/files/sites/default/files/imce/files/Raport%20z%20dzia%C5%82alno%C5%9Bci%20PKN%20na%20rzecz%20M%C5%9AP2021.pdf
SEK	www.elstandard.se/smaforetag/
SESKO	https://sesko.fi/en/getting-involved/sme-and-standards/
SIST	http://www.sist.si/standardization/care-for-smes/current-news-for-smes/sist-report-on-encouraging-sme-participation-in-standardization-and-use-of-standards.html
TSE	https://statik.tse.org.tr/upload/tr/dosya/icerikyonetimi/9252/31012022134629-2.pdf
UNE	https://www.une.org/normalizacion_documentos/Pymes_2020.pdf
UNMS SR	https://www.unms.sk/stranka/139/zapojte-sa-a-spolupracujte/
UNMZ	http://www.unmz.cz/urad/zpravy-o-cinnosti-uradu

Source: Data provided by NCs

Art 24 (1 d) Use of IT tools in the standardization system

Use of ICT tools by CENELEC: 2021 improvements

Online authoring platform

This project, carried-out jointly with ISO and IEC, will offer a high-end and tailored authoring environment to CEN and CENELEC technical bodies, but will also set the foundations for developing 'standards of the future'. As of December 2021, 17 WGs are participating to the pilot phase and several releases integrating new features have been deployed based on their feedback. The analysis to integrate with members' commenting as started end 2021. The objective is to start the roll-out of the tool to a larger scale end 2022.

CCMC workflow platform

In 2021, new workflows for the "publication" process and for the management of governing bodies (CA, AG, PC) documents were deployed.

Harmonized API (HAPI)

APIs format and access points have been harmonized between CEN, CENELEC, ISO and IEC; This harmonization allows the European members to capitalize on the developments made to integrate the Harmonized API since the same base code can be reused for the 4 organisations. The CEN HAPI related to the "working documents" was released in 2021.

Web sites revamping

In 2020, CCMC initiated a project to revamp the existing websites including a new design but also the creation of a common CEN-CENELEC public web site, a CEN experts' portal and a CENELEC experts' portal. This split aim to better target the intended audience. The new web sites have been released in September 2021.

IEC data stream

In the context of the Frankfurt agreement, a process was put in place to automatically import the IEC workitems and generate the related European work items in the CCMC database.

TC submission interface

This project aim at providing to the Technical Committee secretaries a user friendly user interface to submit documents to CCMC. This new tool will provide further transparency, facilitate the monitoring, allow further validation up-front and further integration with the CCMC production workflow. A pilot was launched in December 2021 with the aim to proceed with the full deployment in 2022.

Use of ICT tools by NCs

In addition to the text provided above and the data given in Art 4 (4 - a) Access to draft national standards, the data regarding of ICT tools is provided in the table below.

IT Tool	Available	Planned
Data management system	88,2%	5,9%
Experts management system	100,0%	-
Document management system	91,2%	2,9%
Web sites	97,1%	2,9%
Web store for standards	91,2	0,0%

CENELEC members' websites are reported in Annex 2.

Art 24 (1 e): Cooperation between NCs and CENELEC

Some examples of cooperation between CEN and NSBs have been already given under the previous paragraphs, for instance within the SRAHGs (see page 12) and in the SME-WG mentioned in Section Art.6 (2) of this report. Other examples are provided below:

Cooperation for the reporting on the Regulation

As in the preceding years, collaboration amongst national members and the CCMC for the present report is always very active. The 'RegRep Group', a group consisting of representatives of the CEN and CENELEC members, has continued meeting with active participation and contribution of the members, that have provided the required data for fulfilling the reporting requirements of the Regulation.

The last meeting took place on 3 December 2021 under the convenorship of the CEN Vice President Technical.

ESOs-EC Task Force on Timely European standards for a Green and Digital, Single and Global Market (ESOs-EC TF)

The ESOs-EC Task Force was setup as a joint initiative of DG Grow, promoted by its Director General Ms Kerstin Jorna, and the CEN-CENELEC-ETSI Joint Policy Group.

The TF is composed of representatives of the ESOs, EFTA secretariat and from the European Commission, representing the most relevant DGs working on standardization: DG Grow, Connect, Energy, Sante and Defence and space. It is co-chaired by the head of Standardization Unit in DG Grow (GROW.H.3) and CEN and CENELEC Director General.

The first meeting took place at the end of June 2021 and in total 4 meetings were organised in 2021 together with an open workshop for all interested stakeholders - 16 November 2021 with more than 2000 participants - that provided the opportunity to update on TF scope and objectives and get feedback from the audience.

The Task Force has clearly defined two workstreams:

- Workstream 1 on the Alignment of European policies, business priorities and standardization on strategic sectors, that will cover high-level interactions between the EC and ESOs at the very early stage of the preparation of the EU work programme,
- Workstream 2 on the Improvement of operational matters, aiming to find a common understanding and possible solutions to the issues identified by the EC and ESOs, regarding the following processes: the drafting of Standardization requests, standards drafting and approval, citation.

BTWG 12 on European standards and the EU legislative framework

CEN-CENELEC BTWG 12 was created by CEN and CENELEC technical boards to provide advices to both BTs on issues related to mandated work, i.e. harmonised-standards-related matters.

During 2021 the group held 7 meetings – to discuss among national members and find solutions on aspects relating to Art.10 of Regulation 1025/2012: the model of standardization requests, the assessment and citation issues. In 2021 BTWG 12 produced an internal CEN and CENELEC checklist to be used by Technical Bodies to increase compliance of candidate harmonized standards with EU legislation and acted as a mirror group to support CEN and CENELEC in the ESOs-EC Task Force in particular to improve the operational aspects related to the hENS' life cycle, i.e. Workstream 2 (see above).

Research, development and innovation

Examples of cooperation between the national standardisation bodies and European standardisation organisations in the research and innovation sector are the following:

- The activities of **CEN-CENELEC BTWG 3 STAIR** (see also 5.2) that is composed of the interested CEN and CENELEC members and their national stakeholders, and representatives from the European Commission (DG RTD, DG CONNECT and DG JRC regularly attend the meetings). In 2021, STAIR met on 10 March, 6 May, and 27 September .
STAIR-EMPIR, a platform under STAIR aiming at establishing the link with the metrology community.
- The third edition of the CEN-CENELEC **Standards+Innovation Awards** took place in 2021. A total of 23 nominations from 13 different Members were received within the different categories: 9 in the Research Project category, 9 in the Individual Researcher category and 5 in the new Young Researcher category and 5 in the Technical Body Officer category. The winners have been presented in an online award ceremony on 5 October 2021 and have been invited to attend CEN and CENELEC November General Assembly in Palermo. The recording of the virtual award ceremony and the full list of nominees is available on CEN-CENELEC website [here](#).
- A **project proposal in response to the call HORIZON-CL4-2021-HUMAN-01-18** (Fostering standardisation to boost European industry's competitiveness) was submitted in October 2021 by a consortium including CEN and 6 NSBs (UNE, UNI, DIN, ASRO, DS, ASI) alongside other 'research partners'.

Group for the Revision of the CEN and CENELEC bylaws

The General Assemblies of CEN and CENELEC amended the statutes of both organizations and their internal regulations (Part 1A, 1C and 1D) in June 2021. The purpose of this review was initially triggered by the withdrawal of the United Kingdom from the European Union and its consequences for the European standardization system. The review was further extended to other aspects of the statutes which needed changes.

The amendments to the statutes cover:

- Membership criteria to define the BSI Membership after the transition period (until December 2023) agreed by the CEN and CENELEC AGs, considering the Trade and Cooperation Agreement between the European Union and the UK of December 2020 and the Strategy 2030:
 - Introduction of 3 types of Membership and rights and obligations for each type Members' regular assessments;
 - Introduction of new criteria for the Members' groupings for the composition of the CAs;
- Provisions of the new Belgian Code for Companies and Associations which needed to be reflected in the statutes;

- Corrections to inconsistencies and gaps, notably with the introduction of an escalation mechanism in case of non-conformities, of a comprehensive appeal policy and process, of references to virtual meetings and decisions to be taken by correspondence and of additional responsibilities assigned to the PC (Presidential Committee);
- Unincorporated governance decisions like the MRMC election process and the Officers election process.

Membership Relations & Monitoring Committee (MRMC)

The MRMC has been set up to manage the system of assessment of the criteria for membership in CEN and CENELEC, criteria that are fully in line with EU Regulation 1025/2012. These criteria were lastly revised by the CEN and CENELEC General Assemblies in 2017 and are included in the CEN-CENELEC Internal Regulations Part 1D and Guide 22 for what concerns the organizational aspects. The MRMC ensures the effective follow-up of the outcomes of the assessment reports conducted by member organizations in application of CEN and CENELEC membership criteria and coordinates and disseminates good practices among them. The MRMC reports to both General Assemblies through the Presidential Committee. Its chair is appointed for a renewable 4-year term by the CEN and CENELEC General Assemblies from a list of candidates nominated by member organizations.

MRMC members are appointed for a 3-year term, renewable once by the respective CEN and CENELEC Governing Bodies following a call for nomination. The Director General attends MRMC meetings as an observer with advisory role.

In 2021, a revision of Guide 22 took place following the adoption of a new definition of membership resulting from the June 2021 revision of the CEN and CENELEC Statutes and of the Internal Regulations Part 1D <https://www.cencenelec.eu/media/Guides/CEN-CLC/cenclcguid22.pdf>.

Three different categories of member organizations have been established based on their relationship to the European Economic Area (EEA) and the Single Market:

- Blue-type Members: Members of the EEA;
- Red-type Members: Members of EFTA which is not Blue-type Member or of states identified by the EU institutions as candidate countries for accession to the EU;
- Yellow-type Members: having an agreement with the EU and demonstrating regulatory convergence or compatibility with the essential regulations that support the Single Market in areas that are relevant to CEN and CENELEC activities.

This new categorization of membership is accompanied by the establishment of a third assessment model in addition to the self-assessment combined with EN ISO 9001 and the peer assessment: the external assessment. Yellow-type member organizations need to undergo an external assessment on their fulfilment of the membership criteria when applying for membership and then every third year after becoming a member. The assessors are appointed by the CEN and CENELEC Administrative Boards on recommendation of the Presidential Committee.

The MRMC met in March, April, July, September and October 2021.

EUROPEAN POLICY HUB (EPH)

The informal CEN-CENELEC '**European Policy Hub**' (EPH) – which kicked off in October 2018 - brings together standardization policy/ public affairs staff members of the NSBs and NCs. This group reports annually on its activities to the CEN and CENELEC Policy Groups. EPH aims at a more direct information flow with regards to monitoring and engaging with EU legislative initiatives, supports targeted consultations of Partners and/or other stakeholders, as well as complements other policy initiatives.

The EPH oversees the policy 'reactive outreach' with support from the CEN-CENELEC Management Centre on 'engagement content', and reaches out to CEN and CENELEC Partners, European Institutions and/or other stakeholders to build the CEN and CENELEC policy input on standardization issues.

During 2021 the EPH met on biweekly basis, online. These meetings were accompanied with ad hoc working group meetings, on the consultations for Batteries, Machinery Regulation, Artificial Intelligence (AI), the response to the Roadmap for the European Standardization Strategy and events with the Portuguese Presidency. The EPH supported CEN and CENELEC in the ESOs-EC Task Force, in particular regarding the process to facilitate the alignment of EU policies, business priorities and standardization in strategic sectors, i.e. Workstream 1 (see above).

In addition to the work of the EPH, the CEN and CENELEC Members also allocated dedicated staff resources to policy engagement (the EPH-Brussels Arm) which saw its first year as a hybrid pilot project. The EPH-BA members provided considerable guidance to the consultations above, especially with the drafting response to the European Standardization Strategy, and engaged in consistent policy outreach efforts for CEN and CENELEC

Annex 1: List of abbreviations and acronyms

ANEC	European Association for the Coordination of Consumer Representation in Standardisation (one of the Annex III organisations)
BRIDGIT	Project: "Bridge the Gap between Research and Standardization"
BT	Bureau Technique, French for "Technical Board"
CCMC	CEN-CENELEC Management Centre
CEN	European Committee for Standardization
CENELEC	European Committee for Electrotechnical Standardization
CIP	Competitiveness and Innovation Framework Programme (EC)
EC	European Commission
EFTA	European Free Trade Association
ECOS	European Environmental Citizens Organisation for Standardisation (one of the Annex III organisations)
EN	European standard
EPH	European Policy Hub
ESO	European Standardization Organization
ETSI	European Telecommunications Standards Institute
ETUC	European Trade Union Confederation (one of the Annex III organisations)
EU	European Union
ICT	Information and communications technology
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
IT	Information Technology
JIS	Joint Initiative on Standardisation
JRC	Joint Research Centre (EC)
MRMC	Membership Review and Monitoring Committee
NC	National Committee (In CENELEC the national standardisation bodies in the sense of Art. 2 (10) of the Regulation are typically referred to as national committees.)
NSB	National Standardisation Body
PC	Presidential Committee
PrEN	Draft (preliminary) European standard
RDI	National contact for Research, Development and Innovation
SBS	Small Business Standards (one of the Annex III organisations)
SC	Sub-Committee
SMEs	Small and Medium Enterprises
SSG	CEN-CENELEC Societal Stakeholder Group
TC	Technical Committee
ToR	Terms of Reference
URL	Uniform Resource Locator
WG	Working Group

Source: CENELEC Members

Annex 2: CENELEC members' websites

CENELEC NCs of EU Countries	
Austria	OVE Austria Austrian Electrotechnical Association www.ove.at
Belgium	CEB-BEC Belgium Comité Electrotechnique Belge/Belgisch Elektrotechnisch Comité www.ceb-bec.be
Bulgaria	BDS (БИС) Bulgarian Institute for Standardization (BDS) / Български институт за стандартизация (БИС) http://www.bds-bg.org/en
Croatia	HZN Croatian Standards Institute / Hrvatski zavod za norme www.hzn.hr
Cyprus	CYS Cyprus Organisation for Standardisation / Κυπριακός Οργανισμός Τυποποίησης https://www.cys.org.cy/en/
Czech Republic	ÚNMZ Czech Office for Standards, Metrology and Testing / Úřad pro technickou normalizaci, metrologii a státní zkušebnictví http://www.unmz.cz/
Denmark	DS Danish Standards Foundation / Fonden Dansk Standard www.ds.dk
Estonia	EVS Estonian Centre for Standardisation / Eesti Standardikeskus https://www.evs.ee/
Finland	SESKO Finland Finnish Electrotechnical Standards Association www.sesko.fi
France	AFNOR- Comité Electronique Français www.afnor.org
Germany	DKE Germany German Commission for Electrical, Electronic and Information Technologies of DIN and VDE www.dke.de
Greece	ΕΣΥΠ/ΕΛΟΤ Hellenic organization for Standardisation (ELOT) / Εθνικό Σύστημα Υποδομών Ποιότητας/Αυτοτελής Λειτουργική Μονάδα Τυποποίησης ΕΛΟΤ http://www.elot.gr/
Hungary	MSZT Hungarian Standards Institution / Magyar Szabványügyi Testület http://www.mszt.hu
Ireland	NSAI National Standards Authority of Ireland http://www.nsai.ie/
Italy	CEI Italy Comitato Elettrotecnico Italiano http://www.ceinorme.it/it
Latvia	LVS Latvian Standard / Latvijas standarts https://www.lvs.lv/en
Lithuania	LST Lithuanian Standards Board/ Lietuvos standartizacijos departamentas http://www.lsd.lt
Luxembourg	ILNAS Luxembourg Institute of standardisation / Organisme luxembourgeois de normalisation https://portail-qualite.public.lu/fr.html
Malta	MCCAA The Malta Competition and Consumer Affairs Authority (MCCAA) / L-Awtorita' ta' Malta għall-Kompetizzjoni u għall-Affarijiet tal-Konsumatur http://www.mccaa.org.mt/en/home
Netherlands	NEC Royal Netherlands Electrotechnical Committee / Stichting Koninklijk Nederlands Elektrotechnisch Comité www.nen.nl
Poland	PKN Polish Committee for Standardization / Polski Komitet Normalizacyjny http://www.pkn.pl/en
Portugal	IPQ Portuguese Institute for Quality / Instituto Português da Qualidade http://www1.ipq.pt/PT/Pages/Homepage.aspx
Romania	ASRO Romanian Standards Association / Asociația de Standardizare din România http://www.asro.ro/

Slovakia	UNMS SR Slovak Office of Standards, Metrology and Testing / Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky http://www.unms.sk/?home
Slovenia	SIST Slovenian Institute for Standardization / Slovenski inštitut za standardizacijo http://www.sist.si/index.php
Spain	UNE Spanish Association for Standardization / Asociación Española de Normalización www.une.org
Sweden	SEK Svensk Elstandard www.elstandard.se
CENELEC NCs of EFTA Countries	
Iceland	IST Icelandic Standards / Staðlaráð Íslands https://www.stadlar.is/english
Norway	NEK Norway Norsk Elektroteknisk Komite www.nek.no
Switzerland	Electrosuisse Switzerland Association for Electrical Engineering, Power and Information Technologies www.electrosuisse.ch
CENELEC NCs of Countries outside EU and EFTA	
Republic of North Macedonia	ISRSM Standardization Institute of the Republic of North Macedonia / Институт за стандардизација на Република Северна Македонија http://www.isrsm.gov.mk/
Serbia	ISS Institute for Standardization of Serbia / Institut za standardizaciju Srbije http://www.iss.rs/en
Turkey	TSE Turkish Standards Institution / Türk Standardları Enstitüsü https://en.tse.org.tr/
UK	BSI British Standards Institution http://www.bsigroup.com/en-GB/

Source: Data provided by NCs

Annex 3: Transparency of work programmes

Art 3 (1): Establishment of the work programme of CENELEC

Information about CENELEC draft standards and standardization deliverables is available online at the following link:

https://standards.cen.eu/dyn/www/f?p=204:79:0::::FSP_LANG_ID:25&cs=11F6C9A43C0C00A2469F97432CECBF708

This dynamic Work Programme is complemented by the annual publication giving an overview of the main standardization developments and strategic priority areas for 2022: [CEN-CENELEC Work Programme 2022](#)

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

As required by Art 3 (2) of the Regulation the information included in CENELEC's work programme complies with the requirements of that article. It 1) includes the title of the matter designating the subject, it 2) specifies the stage attained and it 3) indicates the references of any international standards taken as a basis.

Art 3 (3): Scoreboard for the work programmes

Country	Organisation	Link
CENELEC work programme		
Belgium	CENELEC	https://www.cencenelec.eu/media/CEN-CENELEC/News/Publications/2022/cenelec_work_programme2022.pdf
CENELEC NCs of EU Countries		
Austria	OVE	https://www.ove.at/ove-standardization/informationen-zu-normen-und-richtlinien/news
Belgium	CEB-BEC	https://www.ceb-bec.be/files/work_programme_BEC_2022.pdf
Bulgaria	BDS	https://bds-bg.org/en/bds-work-programme-for-standardization_p213.html
Croatia	HZN	https://www.hzn.hr/default.aspx?id=350
Cyprus	CYS	https://www.cys.org.cy/en/protypa-typopoiisi/programma-typopoiitikis-ergasias
Czech Republic	UNMZ	http://www.agentura-cas.cz/plan-narodnich-praci
Denmark	DS	https://www.ds.dk/en/about-danish-standards/work-programme-and-smes
Estonia	EVS	https://www.evs.ee/en/standards-programme
Finland	SESKO	https://sesko.fi/osallistuminen/ajankohtaiset-lausunnot-ja-aanestykset/seskon-kansallinen-standardointiohjelma/
France	AFNOR	https://norminfo.afnor.org/
Germany	DKE	www.dke.de/de/normen-standards/verfolgen
Greece	ELOT	http://www.elot.gr/798_ELL_HTML.aspx
Hungary	MSZT	https://prod.mszt.hu/Portals/0/Dokumentumok/2022/01/Szabvanyositasi_terv_2022_1.pdf?ver=2022-01-26-092816-010
Ireland	NSAI	https://www.n sai.ie/standards/standards-committees/new-projects-under-development/
Italy	CEI	https://www.ceinorme.it/doc/pdf/ProgrammaNormazioneNazionale.pdf
Latvia	LVS	https://www.lvs.lv/resources/documents/LVSWorkProgramme2022.pdf
Lithuania	LST	https://www.lsd.lt/index.php?288246575
Luxembourg	ILNAS	https://portail-qualite.public.lu/dam-assets/fr/documentations/normes-normalisation/participer-normes-nationales/ilnas-oln-A006/ilnas-oln-a006-programme-travail.pdf
Malta	MCCAA	https://mccaa.org.mt/Section/Content?contentId=1242
Netherlands	NEC	https://www.nen.nl/informatie-normcommissieleden - scroll down on this page and go to the header 'Nieuwe trajecten' and then click on 'Bekijk het nationale werkprogramma (NEN)'. https://pzn.pkn.pl/tc/#/work-program
Poland	PKN	https://pzn.pkn.pl/tc/#/work-program
Portugal	IPQ	http://www1.ipq.pt/PT/Normalizacao/ComissoesTecnicas/Pages/Plano_Normalizacao1.aspx
Romania	ASRO	https://www.asro.ro/en/the-national-standardisation-programme/
Slovakia	UNMS SR	https://esluzby.unms.sk/plan-technickej-normalizacie-en-a-ine-dokumenty
Slovenia	SIST	http://www.sist.si/standardization/work-program
Spain	UNE	https://www.une.org/normalizacion documentos/programa de trabajo normalizacion .pdf
Sweden	SEK	www.elstandard.se/standarder/helsv_projekt.asp
CENELEC NCs of EFTA Countries		
Iceland	IST	https://www.stadlar.is/library/Skrar/Verkefnaskr%20a1%20Sta%20b0lar%20a1%20b0s%202022-1%20-%20Copy%20(1).pdf
Norway	NEK	https://www.nek.no/aktuelt/arbeidsprogram/?opentab=arbeidsprogram-2022
Switzerland	Electrosuisse	https://www.switec.info/de/nationales-arbeitsprogramm/
CENELEC NCs of Countries outside EU and EFTA		
Republic of North Macedonia	ISRSM	https://isrsm.gov.mk/en/download/file/page-section/176
Serbia	ISS	https://iss.rs/en/work-program_p833.html
Turkey	TSE	https://intweb.tse.org.tr/Standard/Versiyon/IsProgrami.aspx
UK	BSI	https://standardsdevelopment.bsigroup.com/

Source: Data provided by NCs

Art 3 (4): Notification to the ESOs, NCs and the European Commission

Art 3 (4) of the Regulation requires that no later than the time of publication of its work programme, each ESO and national committee has to notify the existence thereof to the other ESOs and national committees and to the EC. In 2021, CENELEC and its Members complied with this requirement. In this context the preceding scoreboard for the work programmes is relevant because it allows for an easy access to the NCs' work.

Art 3 (5): Primacy of work items at European level

In 2021, no member of CENELEC has objected to a subject in their work programme being considered at European level. Hence, the members of CENELEC complied with the requirement of Art 3 (5) of the Regulation which effectively attributes a standstill effect to European standardization items at the national level. The CEN-CENELEC Internal Regulations contains information on who may initiate proposals for new work items at European level (see also <http://boss.cen.eu/reference%20material/Guidancedoc/Pages/TCNewWI.aspx>):

- the CENELEC Members;
- the CENELEC technical bodies;
- the EC or EFTA Secretariat;
- international organisations;
- European trade, professional, technical or scientific organisations.

Art 3 (6) Standstill entailed by work items at European level

This clause of the Regulation prohibits NCs from taking actions that could prejudice the object and purpose of an intended harmonisation. After publication of a new harmonised standard, all conflicting national standards must be withdrawn. CENELEC has been promoting the concept of standstill for many years even before the existence of the Regulation. It is part of the CEN-CENELEC [Internal Regulations - Part 2](#). Considering that Art 3 (6) refers to the case when a harmonized standard exists, or is under preparation, CENELEC and its members have in fact a stricter policy regarding any action that could prejudice the existing or intended harmonization at European level.

Additional voluntary requirement applied by CENELEC NCs

For CENELEC, in addition to standstill, applies the "[Vilamoura notification procedure](#)", as an early detection mechanism of possible work items with potential interest for several national committees, or with potential interest to be transferred into the European standardization.