

Understanding the standardization process

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CONTENT

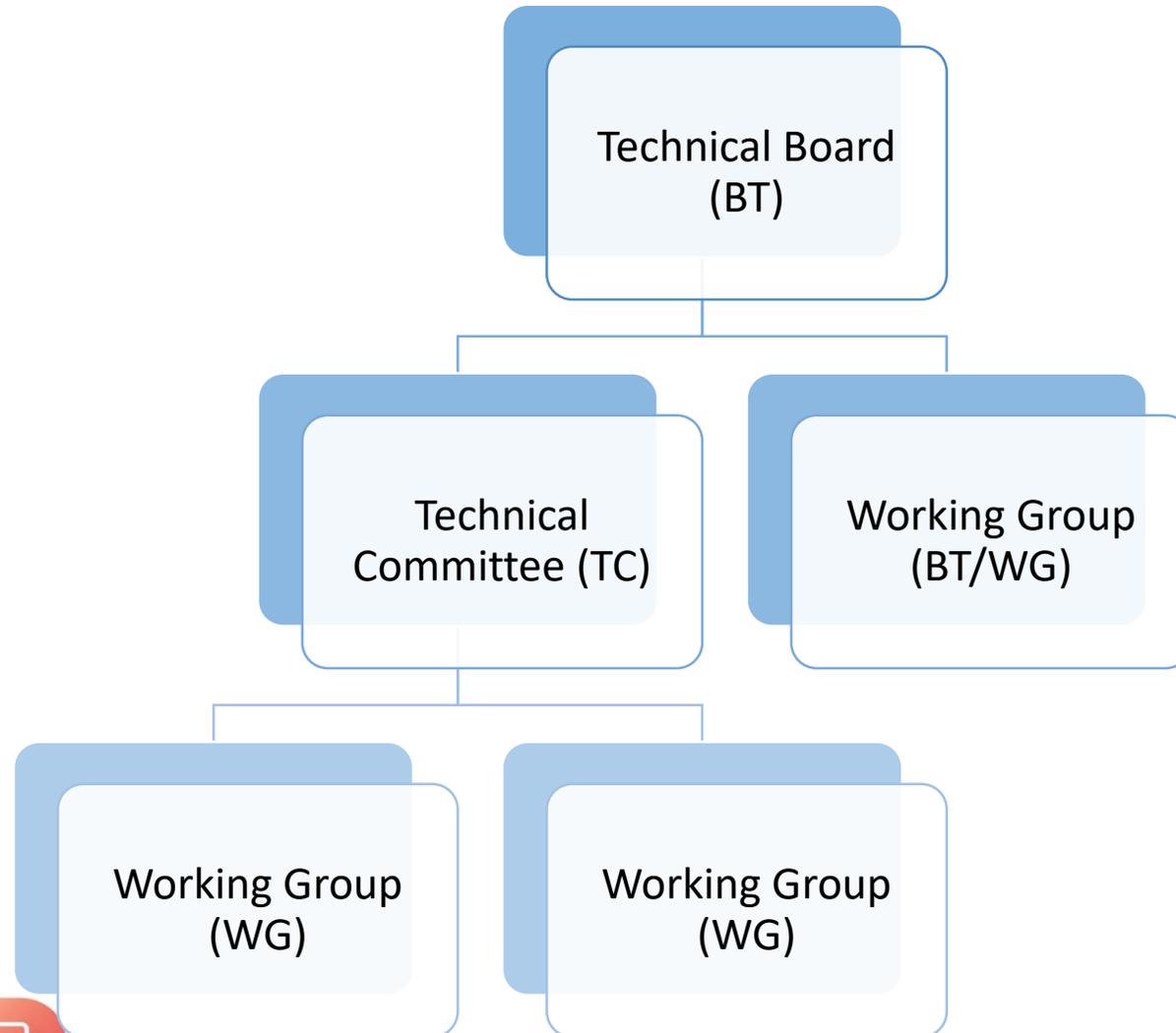


- Role and responsibilities of TCs and WGs
- From New Work Item to Publication
 - Focus: Enquiry procedure associated with Formal Vote
- Frankfurt Agreement day-to-day management
- Developing ENs intended to be cited in OJEU
- Information and guidance documents



Role and responsibilities of TCs and WGs

The three-decision layers at technical level



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STANDARDS



PROCEDURES

Technical Board BT



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STANDARDS



PROCEDURES

Composition

- **Chairperson: CENELEC Vice President Technical**
- **Secretariat: CCMC**
- **Permanent Delegate: 1 per NC**
- **Observers: ANEC, ECOS, CECED, European Commission...**

Working

- **By correspondence (4 weeks) + 3 meetings/year**



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STANDARDS



PROCEDURES

Responsibilities

- **Advises and decides on technical matters**
 - organization, procedures, coordination, overlaps, etc.
- **Monitoring of work programmes**
- **Examines and decides on new projects (New Work Items)**
- **Approval/Rejection of Standardization Requests (SReqs)**
- **Undertakes any task with regard to technical work as requested by the AG or CA**
- **'Management by exception' principle**



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STANDARDS



PROCEDURES

Technical Committees TC

Responsibilities

- **Established by CLC/BT**
- **Precise title, scope and business plan**
- **Responsible of drafting deliverables**
- **Support CCMC during the negotiations on standardization request**
- **Timely execution of standardization request deliverables**

Composition

- **Chairperson and Secretary**
- **National Delegations (national position, voting right)**
- **European Partners (observers, no voting right)**



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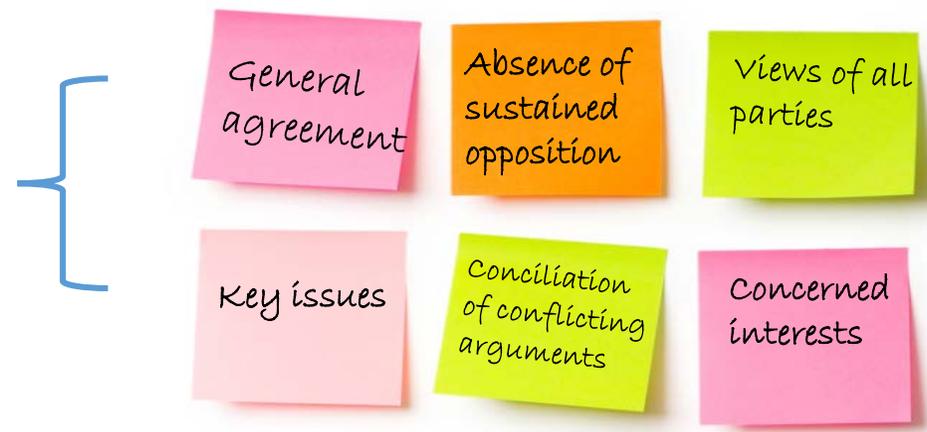


PROCEDURES

Chairperson

- **Neutral**
- **Appointed by CLC/BT**
- **Presides meetings and manages consensus**
- **Interface with CCMC (strategic directions, specific issues, external relationships,...)**
- **Ensures coordination and info exchange with other committees**

Consensus



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PROCEDURES

Secretary

- **Appointed by NC holding the secretariat**
- **Ensures that TC works efficiently and agreed timetables are kept**
- **Prepares and distributes documents (agenda, reports, actions, decisions, etc.)**
- **Manages documents distribution via Collaboration Tool**
- **Is aware of CLC/BT decisions related to technical work and provide inputs when needed**
- **Coordinate and exchange with other committees**
- **Liaises with CEN-CENELEC Management Centre (CCMC)**
- **Ensures coordination and info exchange with other committees**
- **In case of Standardization Requests responsible for preparing reports**



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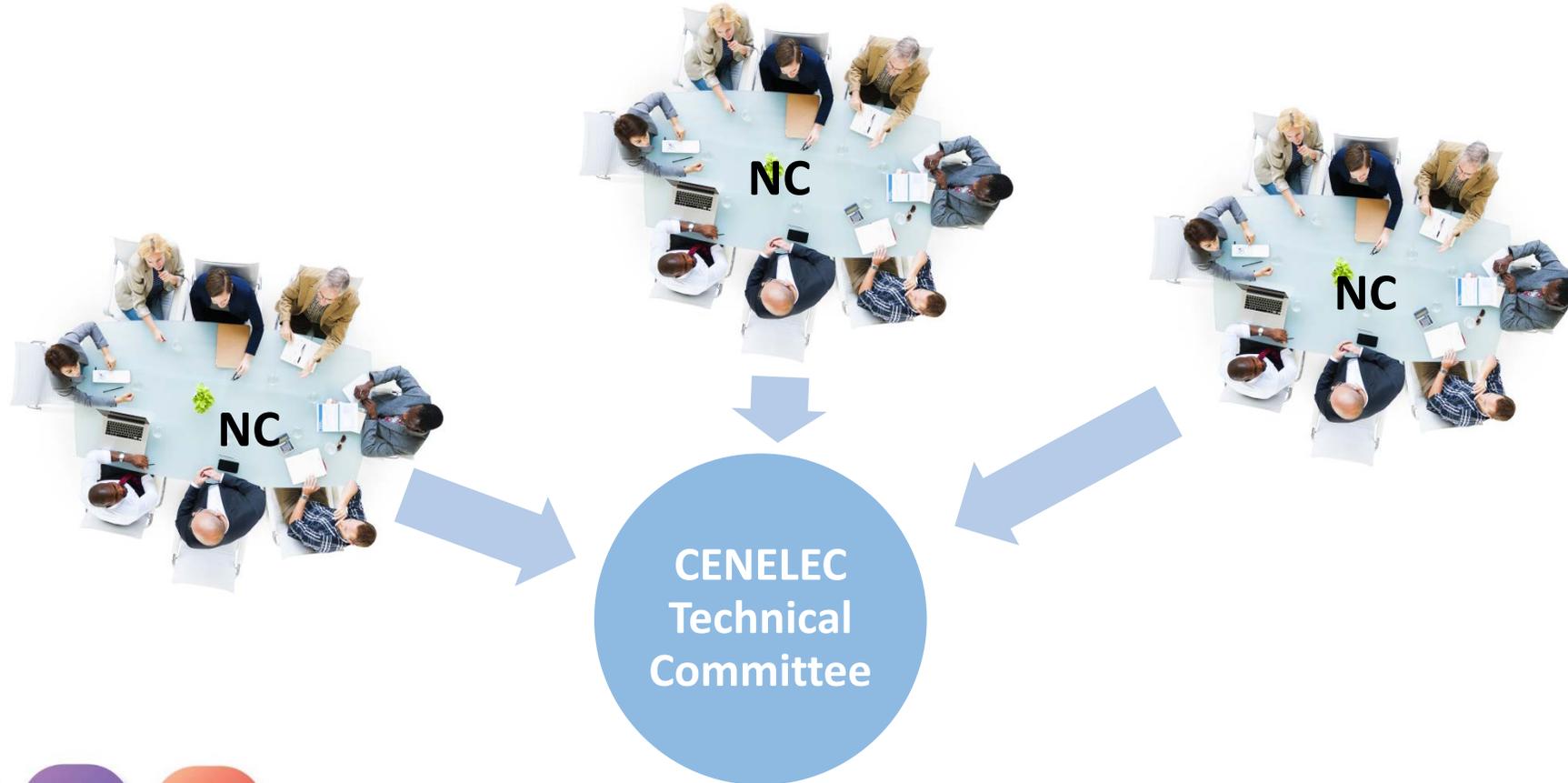
STANDARDS



PROCEDURES

Technical Committees - Composition

National delegations



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STANDARDS



PROCEDURES

Technical Committees - Composition



Secretariat: Allocated by BT (to a Member)
Chair: Appointed by BT

CEN-CENELEC Guide 25
'The concept of Partnership with European organisations and other stakeholders'



CENELEC Members

Max. 3 delegates - **Vote**

European Partners (including Annex III)

Observer – **No vote**

European Commission/EFTA

Observer – **No vote**

Liaison officers from other TCs

Observer – **No vote**

ISO/IEC

Observer – **No vote**

Affiliates

Partner St. Bodies

Observer – **No vote**



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STANDARDS



PROCEDURES

General

- Recommendation to have every 2nd plenary meeting is held in Brussels (CEN-CENELEC Meeting Centre)

Before the meeting

- TC secretary
 - circulates agenda (2 months before) and documents for discussion (4 weeks before) → templates available on [CLC BOSS](#)
 - uploads documents on Collaboration Tool
 - TC Work programme available on Projex online (excel or word version)
 - 'ERAS' attendance list to be used (meeting attendance)



After the meeting

- **TC secretary**
 - **issues report (template available on [CLC BOSS](#))**
 - **to be sent back to CCMC (dataservice@cenelec.eu) within 6 weeks incl. corrections to database, WG info, NWI form, ...**
- **CCMC**
 - **issues a cover sheet to TC report highlighting elements for which a BT decision is needed (scope, questions of principles, new work item requests, etc.)**
 - **If needed: put additional info on non-technical issue added**
 - **sends report to BT (usually through dispatch by correspondence)**



Working Groups WG



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PROCEDURES

Working Group(s)

- **Established by TC**
- **Short term task**
- **Individual experts appointed by the NCs**



Working Group Convenor

- **Seeks support from the parent body (if needed)**
- **Ensures that WG experts knows rules and procedures**
- **Responsible for sending drafts to the TC**
- **Actively progresses work and reports regularly to the TC**



BT decision D160/003

- **Efficient and smooth cooperation between TC (WG) experts, delegates and observers contributing to the development of standards is fundamental:**
- **Code of Conduct for experts participating in CEN and CLC (technical work) - [here](#)**
- **Best practices for improving effectiveness of WG meetings - [here](#)**



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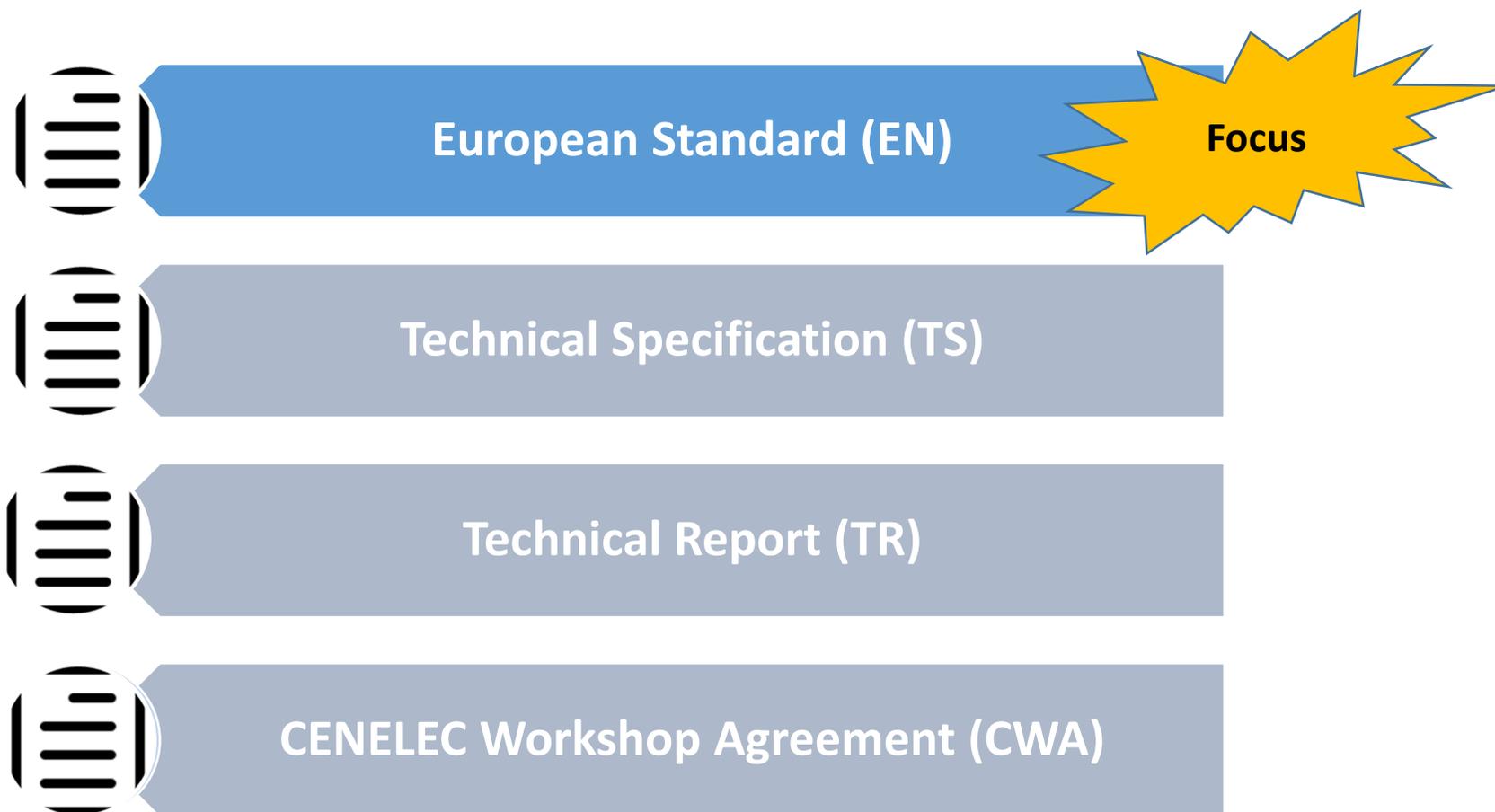
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PROCEDURES

From Work Item to publication

Deliverables developed by TCs



How are standards made ?



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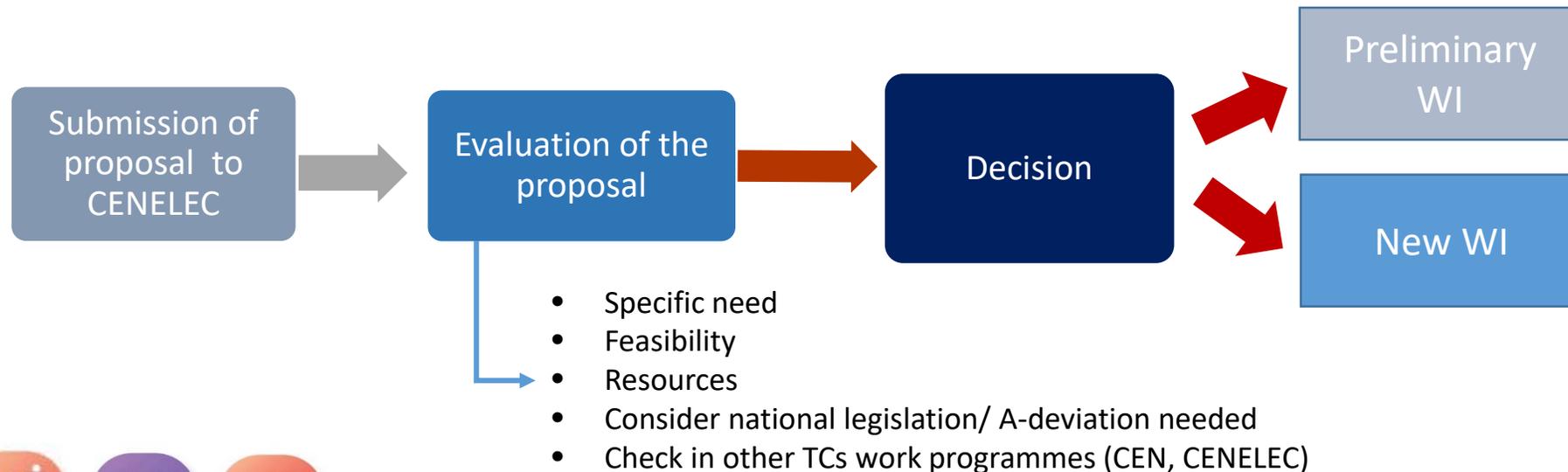


PROCEDURES

Proposal - Evaluation and decision

Proposals may originate from:

- Existing Technical Committees
- European Commission or Agency
- National Committees (NCs)
- CENELEC Partner Organizations



New Work Item

Template **mandatory** with a justification for not offering it to IEC!!

- Precise information needed (e.g. superseding EN(s), link with IEC, possible a-deviation(s), link with EU regulation, ...)
- TC decision: 5 members committed to actively participate
- Filled in template to be sent to dataservice@cencenelec.eu
- BT decision (by correspondence)
- If approved → standstill
- WI in TC work programme → **timeframe to be respected!**
→ alerts sent by CCMC to TCs

The screenshot shows a web form titled "New Work Item Proposal" with the CENELEC logo. The form includes fields for TC Name, TC Title, Secretariat, NC, Date of proposal, and YYYY-MM-DD. Below these is a section titled "INFORMATION ON THE WORK ITEM" with sub-sections for Title (English, French, German), Scope, and This proposal relates to (with checkboxes for project creation and activation). Further down are Deliverable options (European Standard, Harmonization Document, Technical Specification, Technical Report) and This item corresponds to (New project, Amendment, New version, Conversion TS to EN). The form concludes with a section for "purpose_justification".



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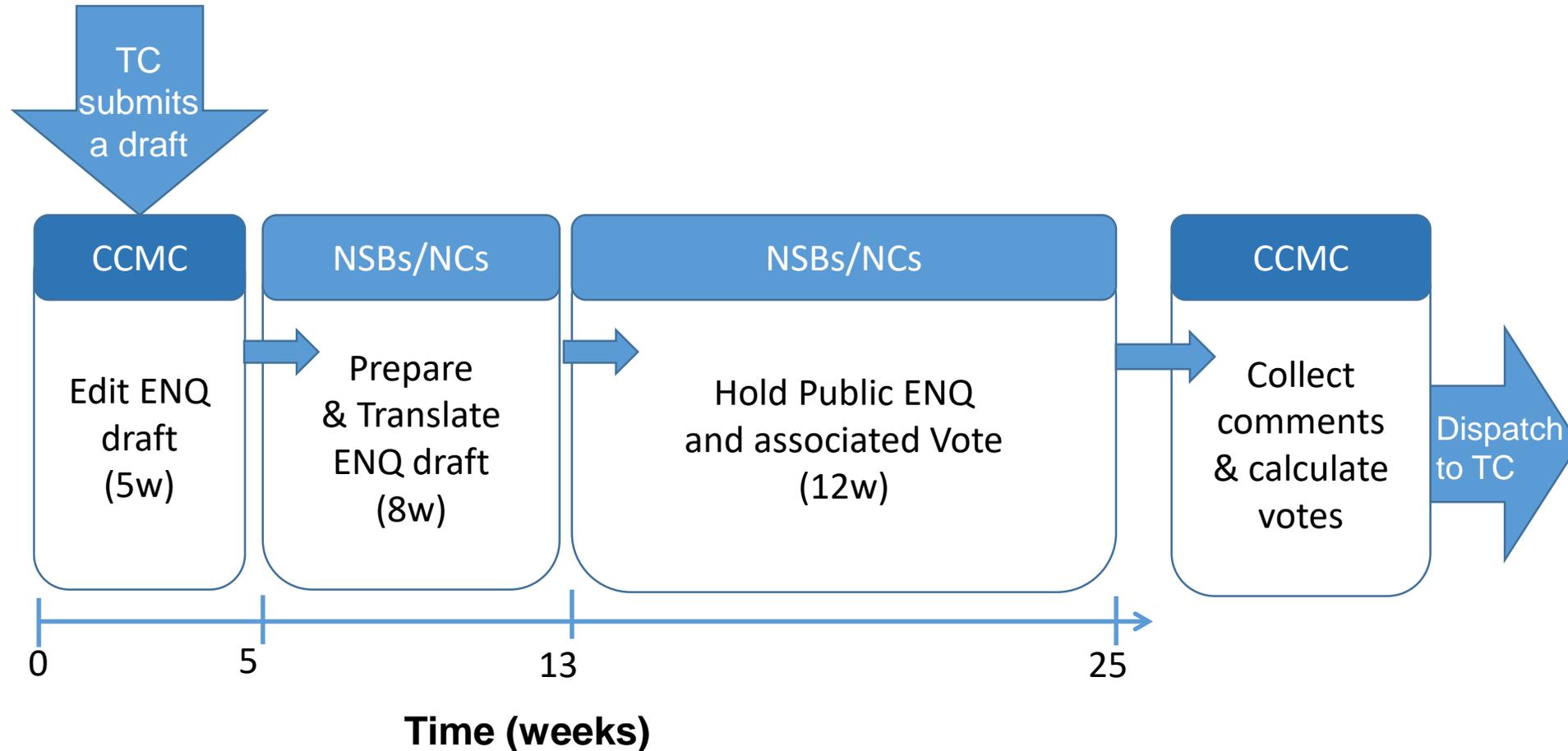


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PROCEDURES

Public Enquiry



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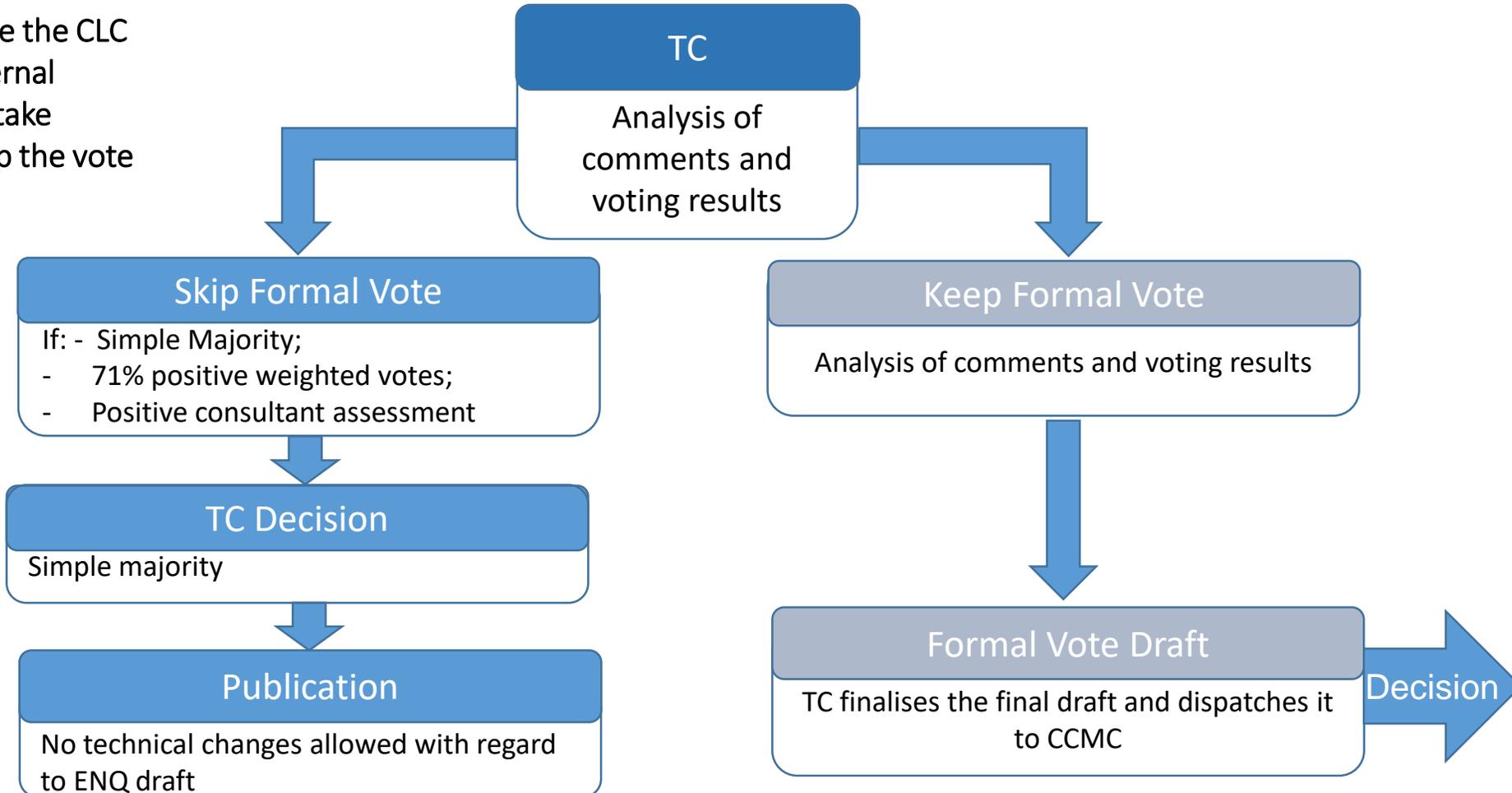
STANDARDS



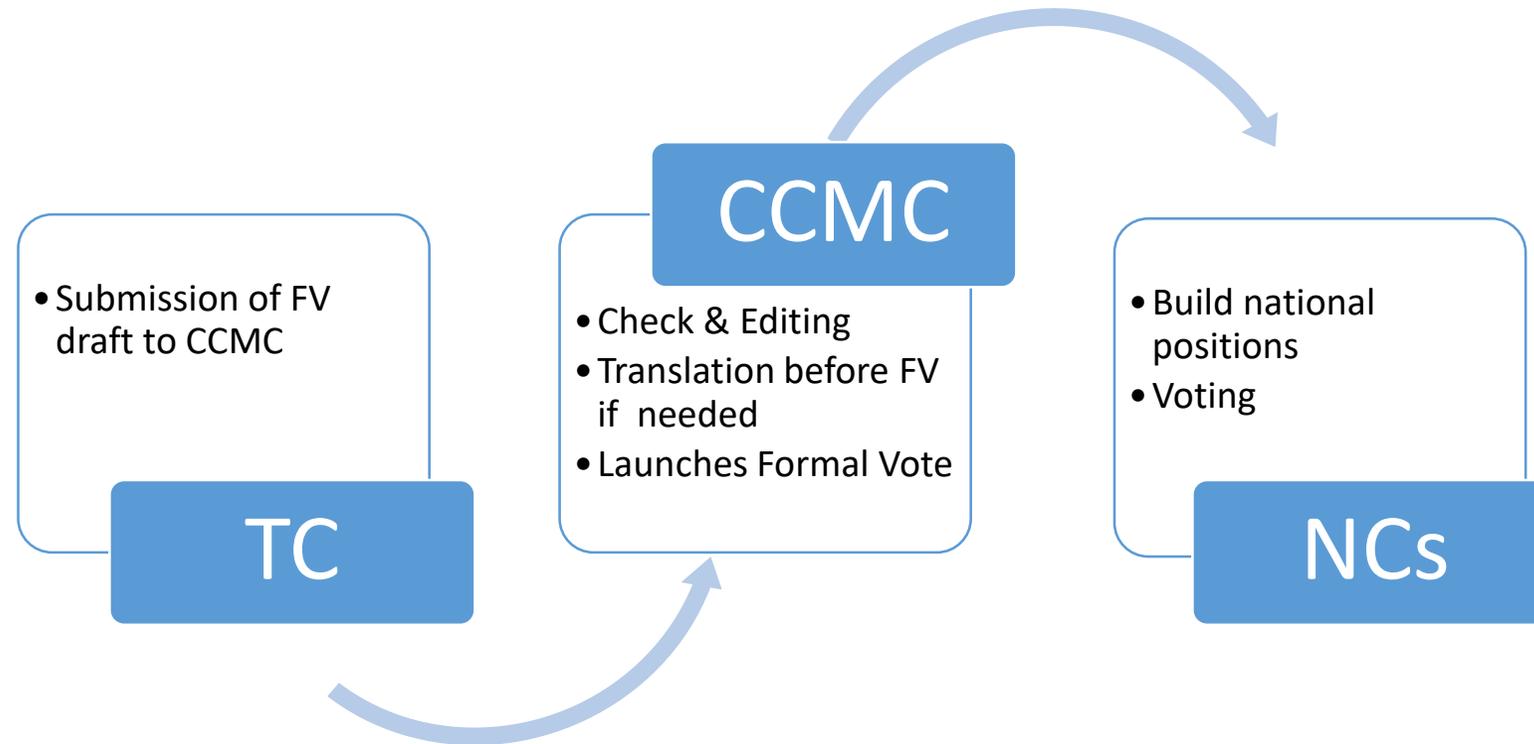
PROCEDURES

Consideration of comments

Possibility to use the CLC Committee Internal Voting (CIV) to take decisions to skip the vote



Approval of the standard



71% positive votes (weighted) → approved European Standard



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PROCEDURES

Approval of the standard

| Member country | Weighting | Member country | Weighting |
|----------------|-----------|----------------|------------|
| France | 29 | Switzerland | 10 |
| Germany | 29 | Serbia | 7 |
| Italy | 29 | Croatia | 7 |
| United Kingdom | 29 | Denmark | 7 |
| Turkey | 29 | Finland | 7 |
| Poland | 27 | Ireland | 7 |
| Spain | 27 | Lithuania | 7 |
| Romania | 14 | Norway | 7 |
| Netherlands | 13 | Slovakia | 7 |
| Belgium | 12 | Cyprus | 4 |
| Czech Republic | 12 | Estonia | 4 |
| Greece | 12 | Latvia | 4 |
| Hungary | 12 | Luxembourg | 4 |
| Portugal | 12 | Slovenia | 4 |
| Austria | 10 | FYROM | 4 |
| Bulgaria | 10 | Iceland | 3 |
| Sweden | 10 | Malta | 3 |
| | | TOTAL | 412 |

Vote simulation tool available on CENELEC website: [here](#)



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PROCEDURES

CCMC

- Finalizes and publishes the EN
- Provides EN to National Committees for national publication
- Provide titles to European Commission (if harmonized standard)

Members

- Publish as national standard
- Withdraw conflicting standard(s)
- May translate into national language



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PROCEDURES

Amendments

- **Modification/addition to or deletion of specific parts of the text**
- **Only the amended text will be voted upon**
- **If amended → NWI request needed → Track: Enquiry (+ vote)**

Corrigenda

- **TC rationale needed**
- **Corrects mistakes that lead to incorrect/unsafe use of EN**
- **TC to contact CCMC Publication unit**

Maintenance

- **Process initiated by CCMC (alerts sent)**
- **TC to ensure that EN content is still valid 5 years after publication**
- **If revision → NWI request needed → Track: Enquiry (+ vote)**



Drafting, Editing and Publishing of a European Deliverable



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PROCEDURES

- Useful tools to get you started
 - Internal Regulations Pt 3
 - Webinars
 - STD.dot template
- Timeframe
 - who does what? When?
- Document exchange and collaboration
 - What to expect from CCMC
 - What the editor expects from you



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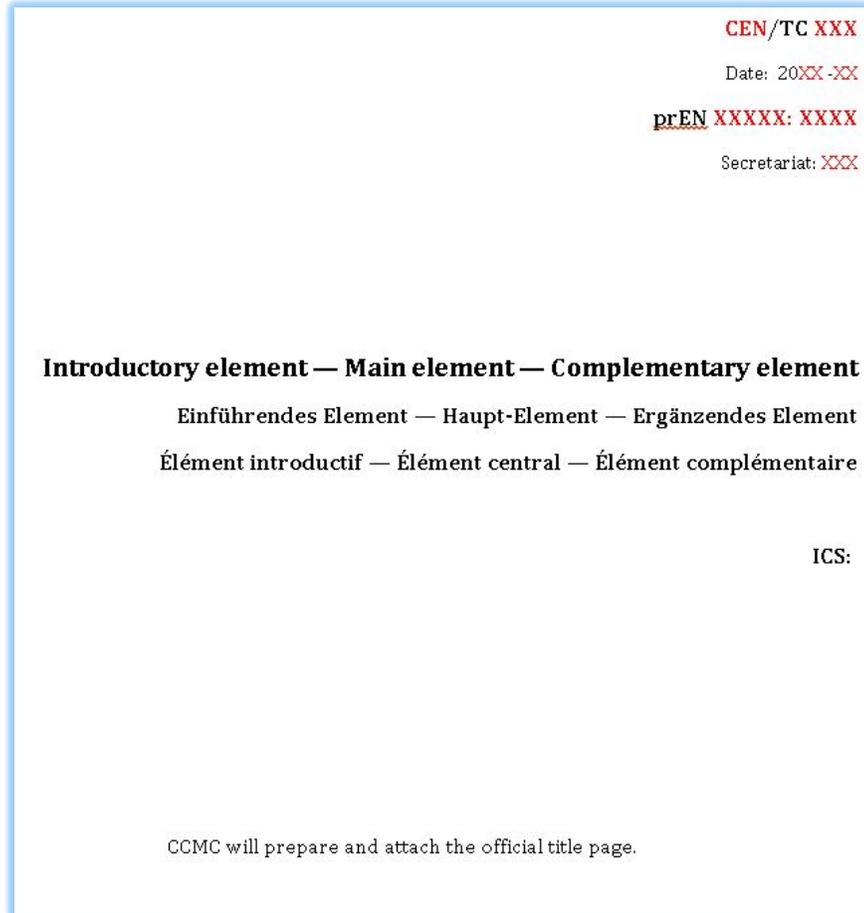
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PROCEDURES



- ▲ Simple template
 - ▲ Find on CENELEC BOSS
- ▲ Ready-styled
- ▲ Contains all elements
 - ▲ Styles
 - ▲ Headings
 - ▲ Content layout



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STANDARDS



PROCEDURES

Drafter checklist



Annex A (informative)

Checklist for writers and editors of documents

The following checklist is a tool to help writers and editors of documents.

| Task | Assessment | Done <input checked="" type="checkbox"/> | Comments |
|-----------------------|--|---|----------|
| Structure | Check table of contents: Is the top-level structure logical? Is the subdivision consistent? | | |
| | Hanging paragraphs: Check for and remove any hanging paragraphs. | | |
| Use of plain language | Is the text clear and concise? | | |
| | Are the sentences short? (check punctuation) | | |
| Title | Is the title organized going from the more general to the more particular? | | |
| | Does the title unintentionally limit the scope of the document? | | |
| | Is it as clear and concise as possible? | | |
| | Make sure that the title does not contain more than three elements. If there are several parts, are the titles aligned? | | |
| Foreword | Is the document a revision? If so, insert a revision statement including any amendments and technical corrigenda and a list of changes with respect to previous edition. Are there any other organizations involved in the drafting that should be mentioned? | | |
| | Is it purely informative? | | |
| Introduction | Does it describe the content or give information on why the document is needed? | | |
| | Does it describe what the document does? | | |
| | Does it state where it is applicable? Does it only contain statements of fact? | | |
| Normative references | Normative references clause: are all the references cited in the text actually normative? Are the references dated or undated? | | |
| | Are the references used ISO and IEC standards? If not, do suitable ISO and IEC standards exist which could be used instead? | | |
| | Are the normative references publicly available? | | |
| | References cited in a normative manner in the text: are all such references listed in Clause 2? | | |
| Terms and definitions | Are the terms listed used in the document? Do suitable terms exist in the terminology databases? - http://www.electropedia.org/ - http://www.iso.org/obp | | |
| | Are the definitions correctly drafted? | | |
| | | | |

Internal Regulations Pt 3 – Annex A

All potential issues & drafting requirements covered

Follows the structure of a European Standard

Training session for new TB Officers of 2019-12-12

| Task | Assessment | Done <input checked="" type="checkbox"/> | Comments |
|--------------------------|--|---|----------|
| Figures | Does each figure have a concise title? | | |
| | Is each figure numbered correctly? | | |
| | Is there a key if necessary? | | |
| | Are all figures cross-referenced in the text? | | |
| Graphical symbols | Are symbols used taken from the ISO and IEC databases? If not, contact IEC TC 3, IEC SC 3C and ISO/TC 145 in order to register a standardized symbol. | | |
| | | | |
| Tables | Does each table have a concise title? | | |
| | Is each table numbered correctly? | | |
| | Are all tables cross-referenced in the text? | | |
| Annexes | Is there a reference to each annex in the main part of the text? | | |
| | Is their status (normative or informative) correct? Is this made clear in the main part of the text? | | |
| Bibliography | Is it formatted consistently? | | |
| | Are all the entries correct and complete? | | |
| | Are any of them normative references that should be listed in Clause 2? | | |
| | Are any of the listed documents duplicated in Clause 2? | | |
| Drafting of provisions | Make sure that "shall", "should" or "may" are not used in the foreword, Scope or notes. Make sure that "shall", is not used in the Introduction. Are "may" and "can" used correctly? | | |
| | Is "must" used anywhere in the document? Is "must" used correctly to mean external constraints? | | |
| | Make sure that no requirements specifying compliance with national/legal regulations are included. | | |
| | | | |
| Potential legal problems | Copyrights | | |
| | Trademarks | | |
| | Patents | | |
| Conformity assessment | Are there potential conformity assessment issues? | | |
| Cross-references | Are all cross-references correct? | | |
| Common problems | Are symbols for variable quantities correctly formatted in the text and mathematical formulae? | | |
| | Is a comma on the line used as the decimal sign? | | |
| Other issues | | | |

Webinars and online trainings



- CENCENELEC.eu
 - Accessible to all
- 10-10 webinars
- Webinars for standards drafters

The screenshot shows the CENELEC website with the following structure:

- Header: CEN CENELEC Making Standards for Europe
- Navigation: ABOUT US (highlighted), EUROPEAN STANDARDIZATION, RESEARCH & INNOVATION, IPR & PATENTS, INTERNATIONAL COOPERATION
- Left sidebar menu:
 - Mission & objectives
 - Governance
 - CEN & CENELEC Communities
 - CEN and CENELEC joint groups
 - CEN & CENELEC in figures
 - CEN-CENELEC Management Centre
 - Our services**
 - › Environmental services
 - › Feedback
 - › Infodesk
 - › Meeting Centre
 - Training**
 - Education about Standardization
- Main content area:
 - Home > About us > Our services > Training
 - CEN-CENELEC Trainings**
 - The CEN-CENELEC Management Centre offers information and training sessions on various aspects of European Standardization.
 - Learn more about information and training sessions:
 - › [Education about Standardization](#)
 - › [Environmental training](#)
 - › [IT tools](#)
 - › [SME's](#)
 - › [Societal stakeholders](#)
 - › [StandarDays](#)
 - › [Standardization and research projects](#)
 - › [Taalex](#)
 - › [Technical Body Seminar](#)
 - › [10-10 webinars](#)
 - › [Webinars for standard drafters](#) (highlighted with a red arrow)
 - › [Preparation of Harmonized Standards](#)



- CENCENELEC.eu
 - Accessible to all
- 10-10 webinars
- Webinars for standards drafters

[Home](#) > [About us](#) > [Our services](#) > [Training](#) > [Webinars for standard drafters](#)



Webinars for standard drafters

Two webinars are organized in 2018 for the drafters of CEN & CENELEC standards. Both webinars aim primarily Technical Body Secretaries and TC Working Group convenors.

Through these webinars we will achieve a common understanding of the drafting rules and the related procedures. This is also an ideal opportunity for CCMC editors to better understand TCs' expectations and strengthen working relationships with Technical Bodies.

Check our 2018 calendar of webinars for standard drafters

17 SEPTEMBER 2018 – 10:00 TO 11:00 (CEST)

Webinar for standard drafters - Checklist for writers and editors of documents

- › Discover the [scope](#) of this webinar
- › Download the [Powerpoint presentation](#) (PDF format)
- › Download the [Questions & Answers](#) raised (PDF format)
- › Listen to the video recording **SOON AVAILABLE**

6 NOVEMBER 2018 – 10:00 TO 11:00 (CET)

Webinar for standard drafters - Conformity assessment

- › Discover the [scope](#) of this webinar
- › Download the Powerpoint presentation (PDF format) **SOON AVAILABLE**
- › Download the Questions & Answers raised (PDF format) **SOON AVAILABLE**
- › Listen to the video recording soon available **SOON AVAILABLE**

Past webinars presentations and Questions & Answers:

- › [2016 webinars](#)
- › [2017 webinars](#)



Document exchange and collaboration

- ENQUIRY

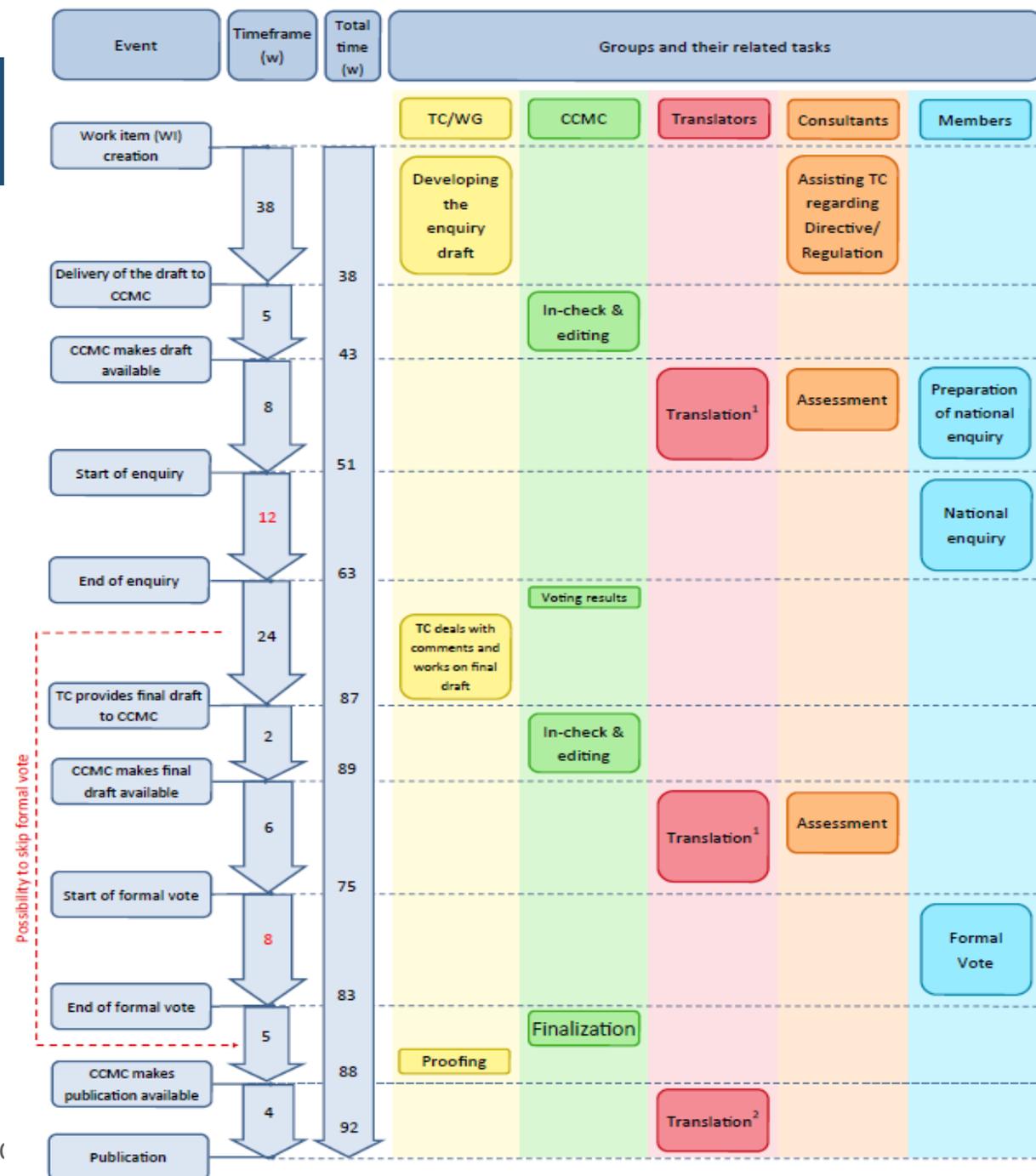
- In-depth edit (5 weeks)
- Translation (8 weeks)

- Formal Vote (can skip)

- In-depth edit (2 weeks)
- Translation

- Publication

- Light edit & comments (2 weeks)
- TC proofing (2 weeks – 3 for exceptional cases)
- Translation (4 weeks)



Enquiry stage (ENQ)

CENELEC

NO NEWS
IS
GOOD NEWS!

In-depth edit (5 weeks)

- Full, thorough edit (Internal Regulations Pt 3):
 - No hanging paragraphs
 - Normative references (incl. dating, if necessary)
 - No requirements, recommendations or permissions in:
 - Scope/Introduction (requirements)
 - Notes
 - Annexes Z (if applicable)
 - Cross-references

Translation (8 weeks) + consultant



In-depth edit (2 weeks)

- Use ENQ text when drafting your FV!
- Edit as per ENQ

Translation:

- Default no translation
- IF CANDIDATE AND HARMONIZED – **6 weeks + assessment**
- IF DKE/AFNOR REQUEST TRANS. DURING ENQ – **6 weeks**



Editing (2 weeks)

- Light editing – only editorial changes + formatting
- Comments handling – only editorial comments accepted
 - **What is a technical change?**
 - Changes the scope of a requirement
 - Adds a requirement
 - Removes a requirement

| ID | Date | Type | Description | Status |
|--------|------|------|---|---|
| IT 003 | 06 | Te | Some fundamental chocolate requirements necessary for the ... of product and exposure in wrappings are ... This refers in plastic and tinfo ... The reply to the ... during the enquiry is of great ... | Technical changes are not allowed at this stage |
| FR 004 | 06 | list | Add requirements for hazelnut as in TR 13387-2:2015, clause B.15 | Technical changes are not allowed at this stage |
| | | Ed | The abbreviation of marshmallow is Mw and not Mg. Mg is magnesium and is not a chocolate | Accepted. |
| | | | Mg to be replaced by Mw | Accepted. |

- **Comments at FV (D163/029)**
 - Editorial or technical changes to the drafts after their submission to Formal Vote is not accepted → Only 2 kinds of comments (and corrections) acceptable:
 - **Obvious editorial error & errors introduced by CCMC in the preparation of the draft**
 - All other comments retained for next review!
- *Applicable as of 2019-12-01*
- *Technical change aiming to correct errors and thus avoiding a deficient standard, according to Decision BT 48/2014 & D149/017 → Upon request of the TC secretary and following BT approval, these changes will be introduced by CCMC before publication → only limited technical changes !!*

- **TC proofing (D163/029)**
 - CCMC to send the final draft not only to TC secretaries but also to WG convenor (provided that the necessary emails are available in our database)
 - Reduced from **3 to 2 weeks**, BUT extendable to 3 upon request of TC
 - Not to wait for TC reply after 2 (3) weeks: in case of no response, CCMC shall proceed to the finalization, i.e. translation or immediate publication, and inform the TC secretary and secretariat accordingly (in line with D157/016);
- *Provisions will be applied to drafts that are submitted to CCMC for the editorial preparation for FV from 2019-12-09*

YOUR DEADLINE = 2019-

In case of no response, we shall assume that you agree to the immediate publication.

Dear [TC NAME] ,

The above mentioned standard is now ready for publication.

As responsible Secretary you are now invited to check this document **in its totality, before the above mentioned deadline.**

The project has been finalised for publication.

Enclosed is the following material:

- a clean version (EN :201X) of the document, in word format (without title page) and pdf format, as we intend to publish it;
- the voting results from the approval procedure.
- the comments from the approval procedure, including remarks for your attention.

It is our understanding that your confirmation is an acknowledgement that no further modifications will be brought to the text and that the document, as presented, can be published.

Should you be unable to meet the above mentioned deadline, please let me know as soon as possible

With kind Regards,

Amy Jayne
Amy Jayne CONLEY

TC Proofing (2 weeks)

- Comments file with editor response ([TC]_[WI]vote1_res)
- Clean PDF as we intend to publish (ENXXX{201X}e.pdf)
- Marked-up document with all changes (ENXXX{201X}e_stm)

Your role:

- Check ALL comments
- Check the WHOLE standard
- Reply to editor comments in comments file



Translation (4 weeks)

- DKE and AFNOR – German and French
- No translation for Technical Reports
-> straight to Publication

Publication

Always on Friday (as is the launch of enquiries and votes)

Frankfurt Agreement & Day-to-day management

In Europe, harmonization means
1 solution instead of 34

Whenever possible, Europe's preference is

1 global solution



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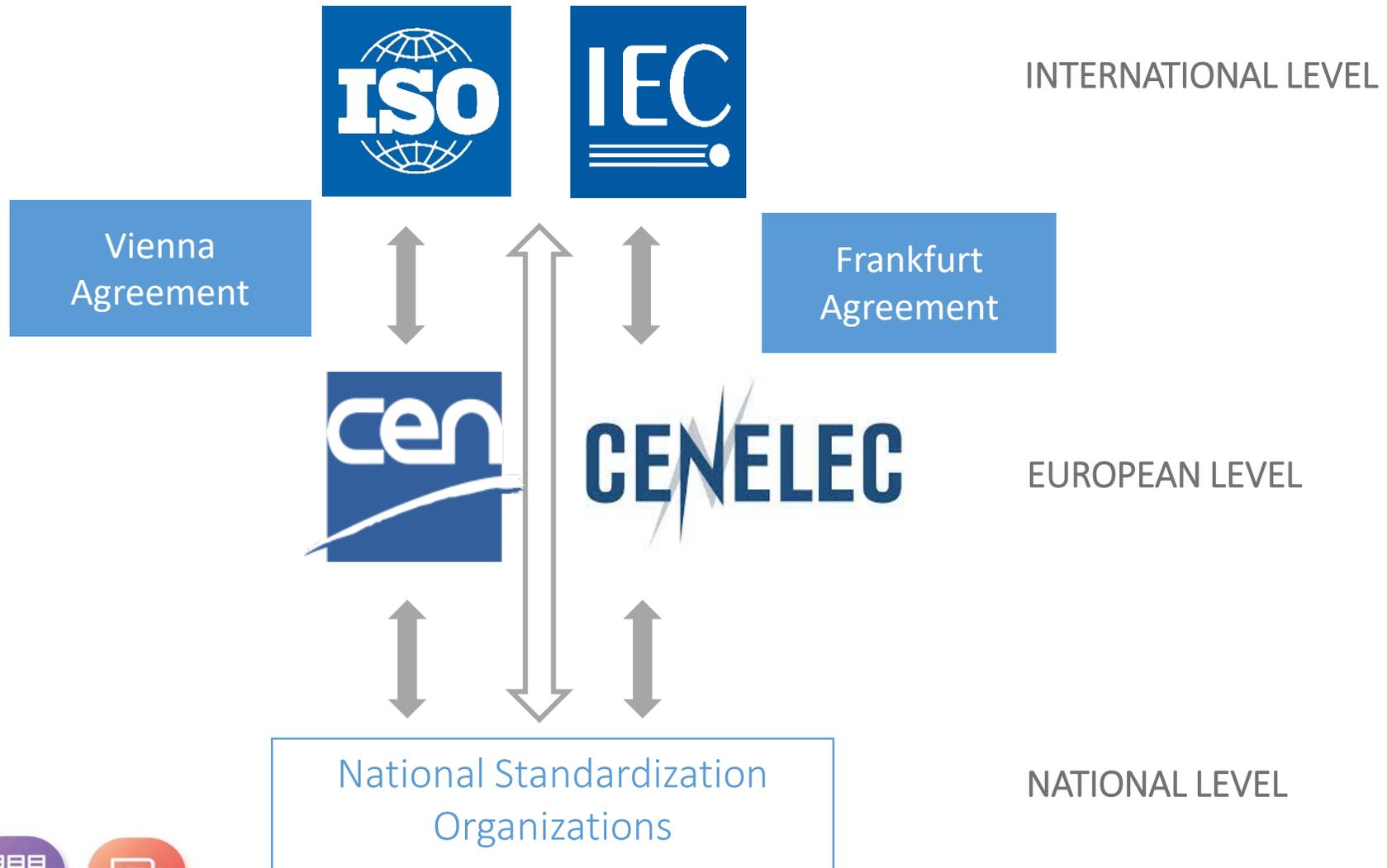


STANDARDS



PROCEDURES

International dimension – Frankfurt Agreement



Primacy of International standards

- Commitment to primarily undertake the work at IEC level
- Expedite publication and common adoption of International Standards
- Rational use of available resources/avoid duplication
- Accelerate standards preparation process in response to market demands
- Include mechanisms to cater for particular needs that may arise from European stakeholders

Supporting the European Market, using global standards





Global network of 173 countries

covering 99% of world population and electricity generation and directly impacting 20% of international trade

- **Product safety and quality**
- **Interoperable ecosystems**
- **Technical source for laws and regulations**
- **Independent, neutral, inclusive (one country, one vote)**
- **Technical Barriers to Trade (TBT) Agreement**



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STANDARDS



PROCEDURES



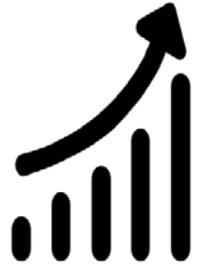
WORLD TRADE
ORGANIZATION

Training session for new TB Officers of 2019-12-12

© CENELEC 2019

International dimension

Added value of CENELEC to IEC standards



1 region = one standard in stead of 34

→ Status of EN

→ Standstill

→ Obligation to implement

30% CENELEC portfolio = harmonized standards

CE Presumption of conformity

**Access to European Market of 600 Million consumers
using global standards**



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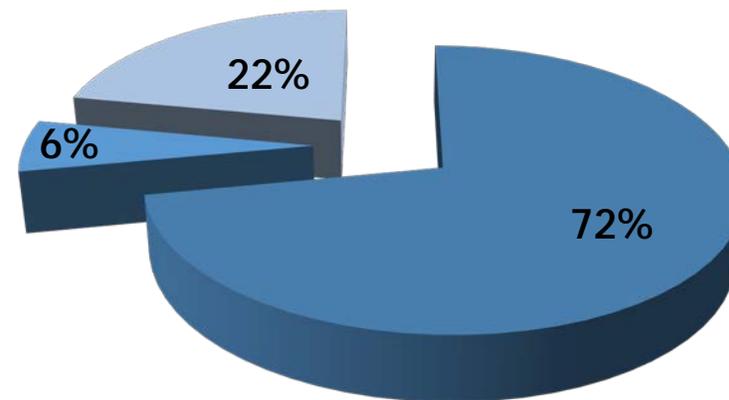
PROCEDURES

Facts and figures

| What? | When? | Why? |
|--|---|--|
| <ul style="list-style-type: none">• Agreement on common planning of new work and parallel voting between IEC and CENELEC | <ul style="list-style-type: none">• 1996 – Signature Dresden Agreement• 2016 – Signature Frankfurt Agreement | <ul style="list-style-type: none">• Underline commitment of IEC & CLC to undertake work at Intl. level• Promote global economy• Ensure rational use of back office resources |

CENELEC – Portfolio – relation to IEC

Only European Standards (no TS, no TR, no Guides) are covered by the Frankfurt Agreement



- Identical to IEC publications
- Based on IEC publications
- No relation to IEC publications

Frankfurt Agreement 4 pillars



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PROCEDURES

Work initiated in IEC

(New work (NP) or result of review (RR))

- When not 'exempted'
 - Assigned to mirroring CLC Technical Committee or Reporting Secretariat
 - Registered in CLC database with timescales
 - Information e.g. on legislative aspects → feedback to IEC
 - Parallel adoption process starts in CENELEC
- When 'exempted'
 - No 'European adoption' but national adoption possible
 - Standstill may apply → to be **used 'as such'** in Europe, no competing standards



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PROCEDURES

Work initiated in CENELEC (NWI)

- Before initiating:

Assess situation at IEC on overlaps, the possibility the IEC TC timely initiates the work

- On approval of a New Work Item for a European standard at CENELEC

- Default*: the New Work Item is offered to IEC
- The CLC/TC starts the work – IEC starts a NWIP on the WI
- If IEC NWIP accepted → CLC hands over work

* For specific reasons, the CLC Technical Board (BT) can decide not to offer

Max 24 weeks



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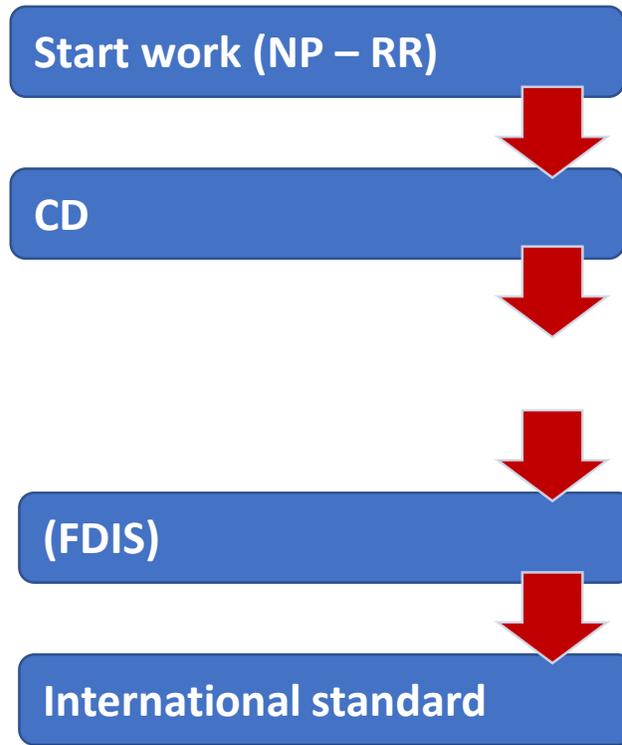


PROCEDURES

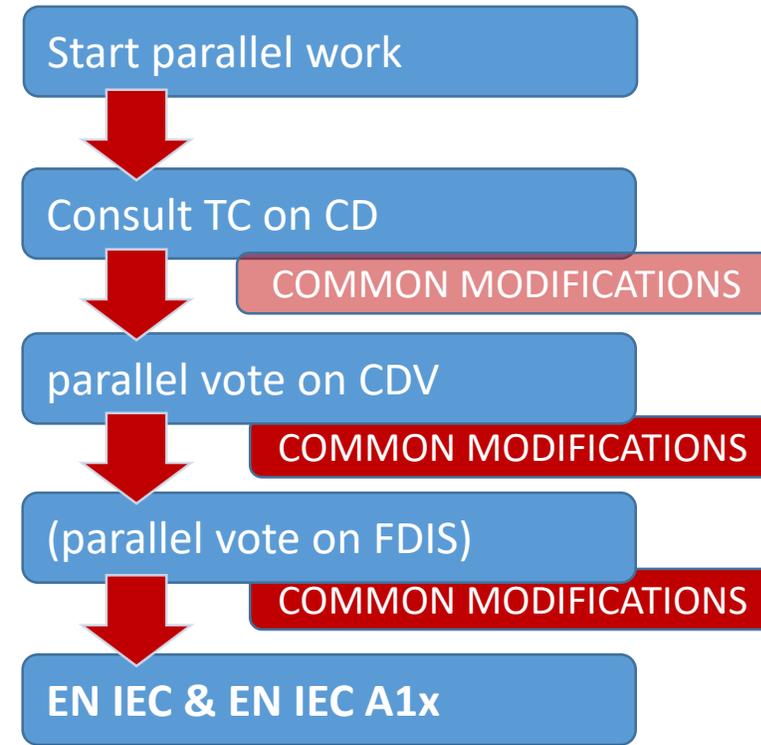
Parallel voting on draft international standards

**It is important to start parallel work from the earliest stages!!
From CDV on systematic parallel voting procedure in CENELEC**

IEC



CENELEC



Parallel voting on draft international standards



>75% IEC standards follow // CLC procedures
80% IEC standards → European Standards

> 80% of all European Standards (consolidated main and amendments) are identical to or based on IEC standards



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PROCEDURES



Why not 100%?

By CLC BT decision some IEC Standards are

- Permanently exempted
- Temporarily exempted from parallel procedures
 - for a specific version
 - for adoption after IEC publication
- Exempted to be **used as such** in Europe (standstill)
 - Databases
 - Standard referred to in international legislation
 - PCB, electronics,...



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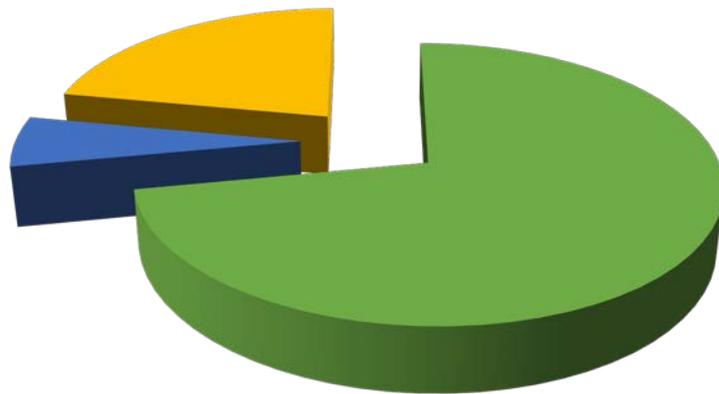


STANDARDS



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Application of ISO/IEC Guide 21 From 2018 on: EN IEC-referencing



- Identical to IEC publications → EN IEC 6XXXX
- Based on IEC publications → EN 6XXXX
- No relation to IEC publications → EN 5XXXX



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- CENELEC deliverables of European origin ('homegrown standards') offered to IEC
- European common Modifications to IEC based standards
- If IEC Technical Body takes them on board:
 - IEC text identical to CENELEC text = 'Boomerang case'
 - No parallel voting
 - Once IEC published: corrigendum to EN (numbering)
 - IEC text different from CENELEC text → parallel vote

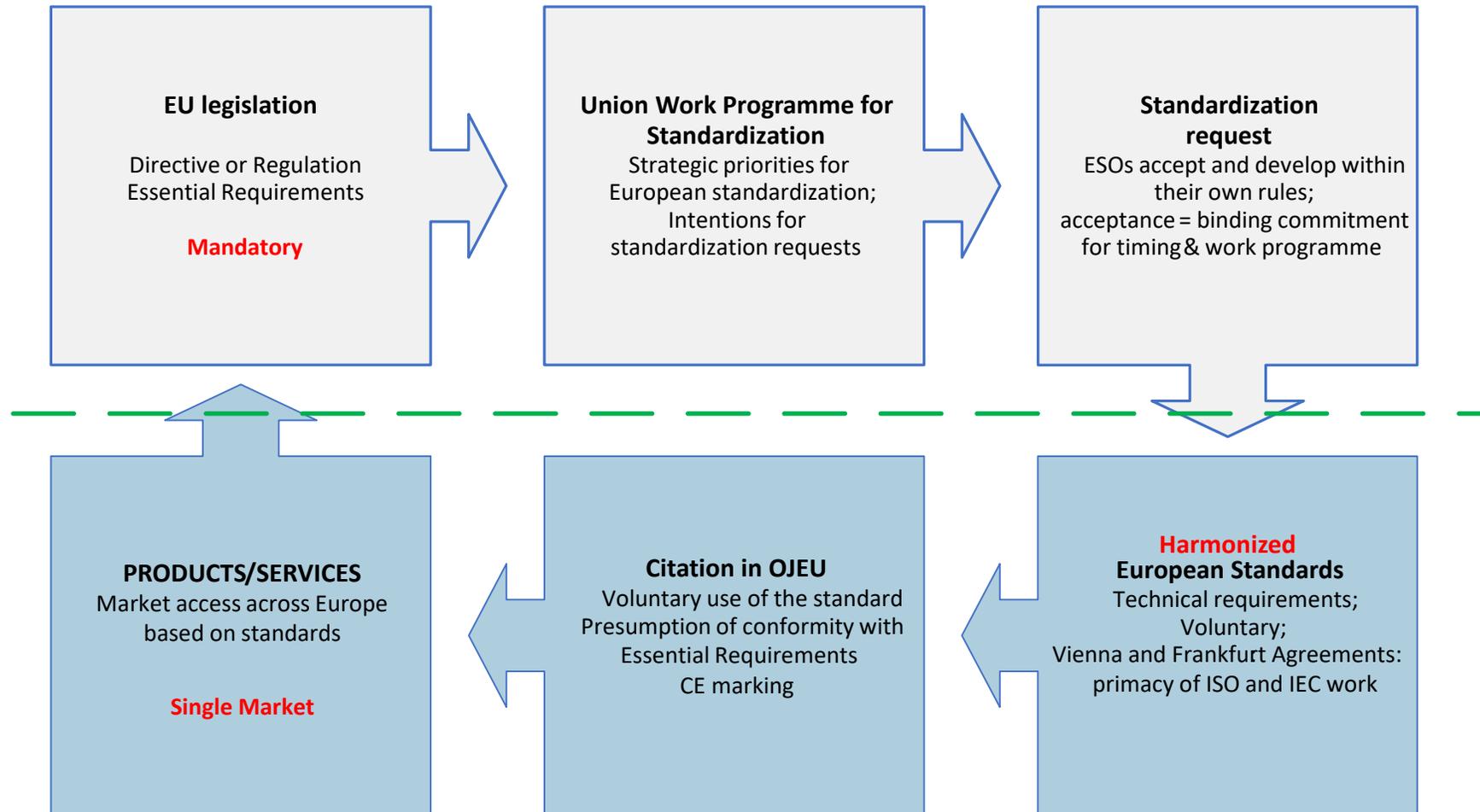


Developing ENs intended to be cited in OJEU

EU legislation and European standards



Harmonized standards process defined in Reg. 1025/2012



EU legislation

Directive or Regulation
Essential Requirements

Mandatory

European law (Directives / Regulations) regulates important industrial sectors:

- ▲ Low voltage equipment (2014/35/EU)
- ▲ Electromagnetic compatibility (2014/30/EU)
- ▲ Equipment and protective systems in Explosive Atmosphere (94/9/EC)
- ▲ Rail (2008/57/EC)
- ▲ Machinery (2006/42/EC)
- ▲ Medical devices (93/42/EEC and 98/79/EC → 2017/745/EU and 2017/746/EU)

✓ Standards can be developed in support of the legislation through the New Legislative Framework (New Approach)



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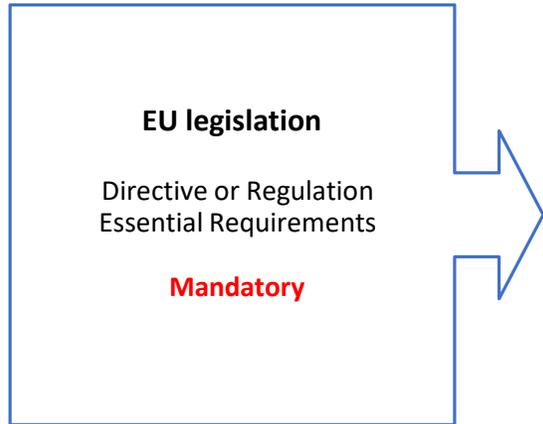
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STANDARDS



PROCEDURES



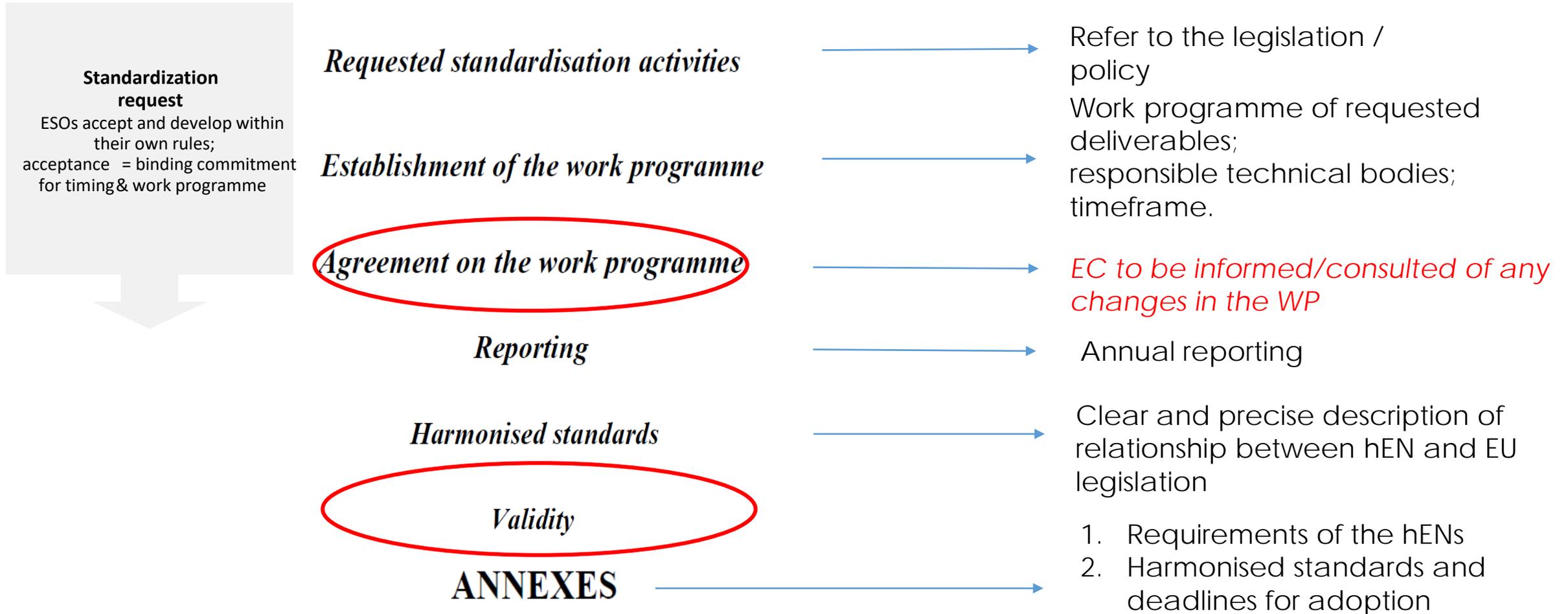
New Approach Directives

- Define essential requirements (e.g. health and safety)
- Indicate **WHAT** shall be achieved without specifying **HOW**
- Transposed in Member States

Reference to standards

- At EC's request, CEN and CENELEC develop Harmonized Standards
- ENs set out technical specifications to meet Directives' requirements

Standardization Request



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STANDARDS



PROCEDURES

Harmonized

European Standards

Technical requirements;
Voluntary;
Vienna and Frankfurt Agreements:
primacy of ISO and IEC work

▲ Regulation 1025/2012 – Article 10.5

The Commission together with the European standardization organizations shall assess the compliance of the documents drafted by the European standardization organizations with its initial request.

- Exact Coverage of applicable legal requirements
 - Essential requirements/Safety Objectives
 - Other requirements in Standardization Request 5SME, Annex III, ...)
- Compliance with formal requirements
 - VADEMECUM
 - Verification document (Ares(2016)6548298 - 22/11/2016)



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Harmonized

European Standards

Technical requirements;
Voluntary;
Vienna and Frankfurt Agreements:
primacy of ISO and IEC work

▲ EC Vademecum on European Standardization – art. 7.2

- *ESOs 'Self-assessment'*

- **Independent Experts**
HAS Consultants

(>2018/04/01)

- *Commission's service active role during standardization process*



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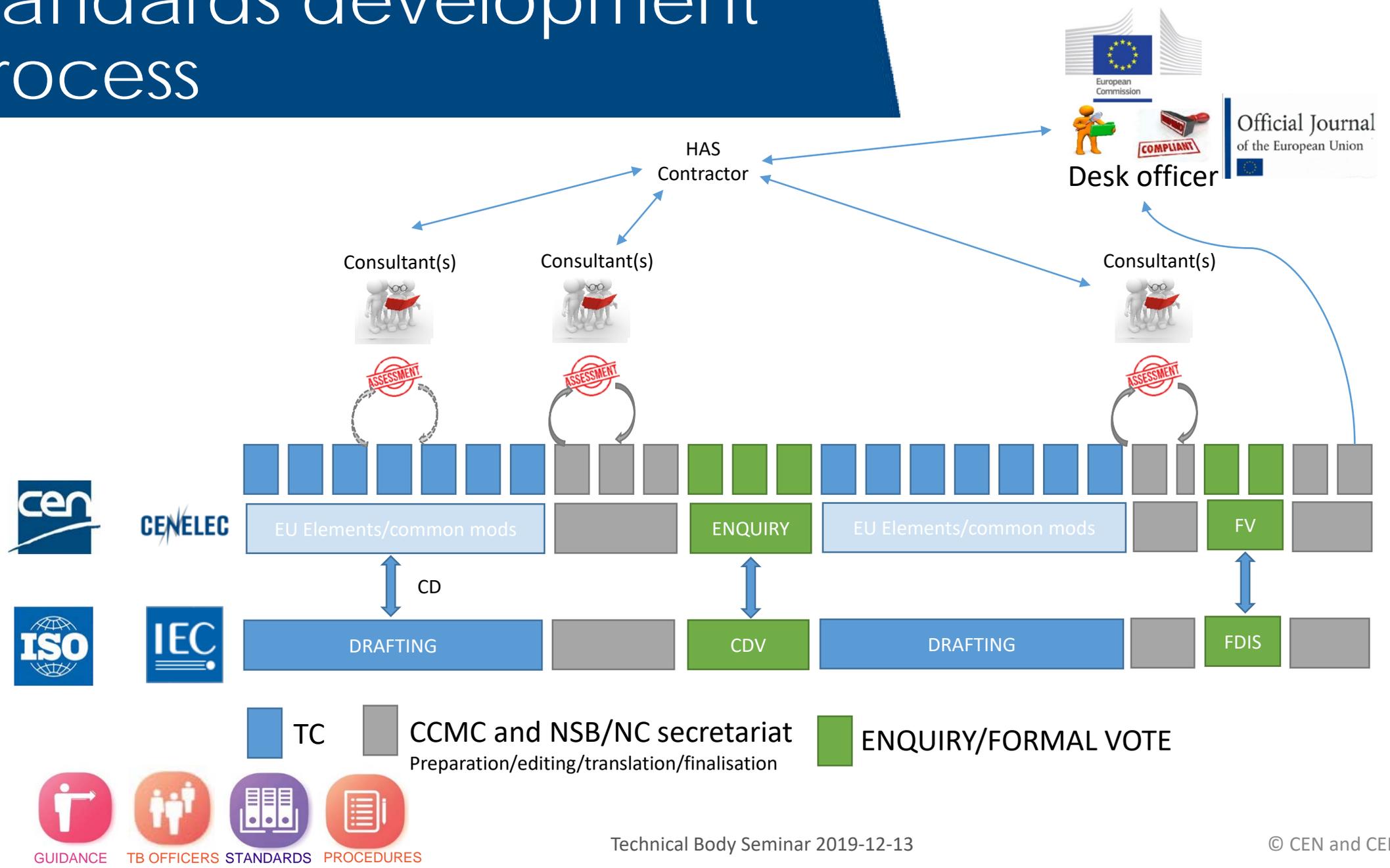


STANDARDS



PROCEDURES

Standards development process



Harmonized

European Standards

Technical requirements;
Voluntary;

Vienna and Frankfurt Agreements:
primacy of ISO and IEC work

Harmonised standards developed under usual CENELEC procedures

Consultant assessment

- ✓ **Homegrown:** Formal assessment before ENQ and FV on the standard's coverage of the essential requirements of the legislation
- ✓ **IEC-CLC parallel work:** Formal assessment during CDV and during FDIS on the standard's coverage of the essential requirements of the legislation
- ✓ Possibility of indicative assessment throughout the EN development process
- ✓ 'Compliant' assessment required for publication of the reference in the OJEU



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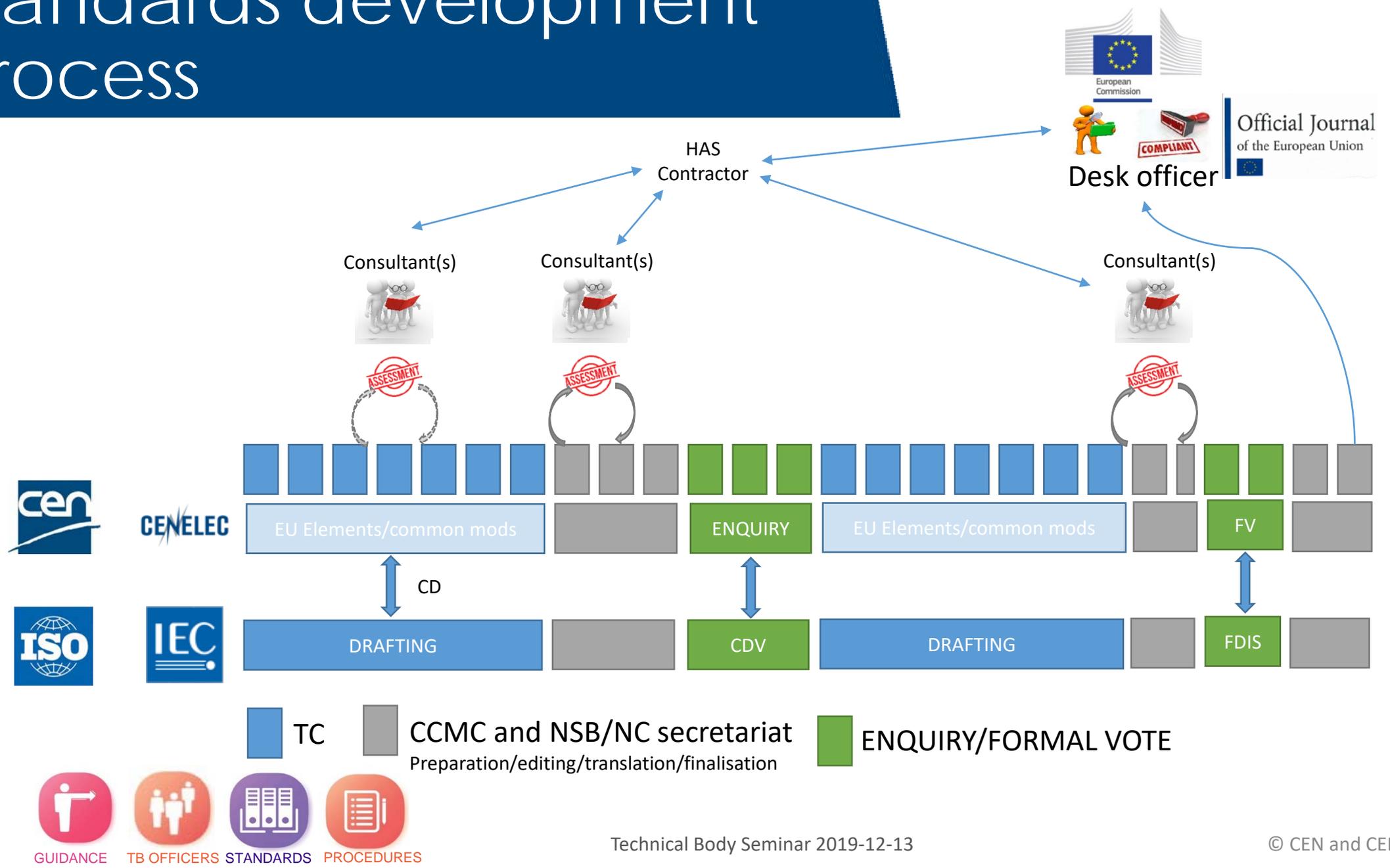


STANDARDS



PROCEDURES

Standards development process



Harmonized

European Standards

Technical requirements;
Voluntary;

Vienna and Frankfurt Agreements:
primacy of ISO and IEC work

- **Standardization Request** a precondition for citation of harmonized standards in Official Journal of the European Union (OJEU)
- **Assessment** of compliance with legal requirements
- **Annex ZZ** obligatory for candidate harmonized standards



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Harmonized

European Standards
 Technical requirements;
 Voluntary;
 Vienna and Frankfurt Agreements:
 primacy of ISO and IEC work

All harmonized standards must include an **Annex ZZ**, demonstrating the relationship between the clauses of the standard and the regulatory requirements

Annex ZZA (informative)

Relationship between this European Standard and the essential requirements of Directive 2014/30/EU [2014 OJ L96] aimed to be covered

This European Standard has been prepared under the European Commission standardization request C(2016) 7641 final of 30.11.2016 ⁴⁾, ('M/552'), as regards harmonized standards in support of Directive 2014/30/EU relating to electromagnetic compatibility, to provide one voluntary means of conforming to essential requirements of Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to electromagnetic compatibility [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive, and associated EFTA regulations.

Table ZZA.1 – Correspondence between this European Standard and the Essential Requirements set out in Directive 2014/30/EU [2014 OJ L96]

| Essential requirements of Directive 2014/30/EU | Clause(s) / sub-clause(s) of this EN | Remarks / Notes |
|--|---|---|
| Annex I. 1(b) (electromagnetic immunity) | Clause 5 Immunity requirements Table 1 – Immunity requirements for enclosure ports | Not applicable for broadcast receivers (Annex A) under 2014/30/EU |
| | Clause 5 Immunity requirements Table 2 – Immunity requirements for analogue/digital data ports | Not applicable for broadcast receivers (Annex A) under 2014/30/EU |
| | Clause 5 Immunity requirements Table 3 – Immunity requirements for DC network power ports | Not applicable for broadcast receivers (Annex A) under 2014/30/EU |
| | Clause 5 Immunity requirements Table 4 – Immunity requirements for AC mains power ports | Not applicable for broadcast receivers (Annex A) under 2014/30/EU |

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

Citation in OJEU

Voluntary use of the standard
Presumption of conformity with
Essential Requirements
CE marking

Regulation 1025/2012 – Article 10.6

'Where a harmonised standard satisfies the requirements which it aims to cover and which are set out in the corresponding Union harmonisation legislation, the Commission shall publish a reference of such harmonised standard without delay in the Official Journal of the European Union or by other means in accordance with the conditions laid down in the corresponding act of Union harmonisation legislation.'



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Citation in OJEU

Voluntary use of the standard
Presumption of conformity with
Essential Requirements
CE marking

EC Vademecum on European Standardization – art. 7.3

- *Before publication under under Article 10(6)*
 - *access to the results of a compliance assessment*
 - *information indicating how these results were implemented*
 - *the Commission to decide, without delay, whether publication of the references in the Official Journal can be done.*

It is the Commission's prerogative whether or not to accept the assessment results when it applies Article 10(6).



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STANDARDS



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Citation in OJEU
Voluntary use of the standard
Presumption of conformity with
Essential Requirements
CE marking

- ✓ **Only when listed in the OJEU** → presumption of conformity for Essential Requirements covered by the hEN
- ✓ **Application of hEN** remains **voluntary** → other means to show conformity are allowed
- ✓ **Final responsibility** to reference Harmonized Standards in the OJEU **European Commission** - not CEN and CENELEC
- ✓ The lists of hENs are **published in the OJEU** and continuously updated:
http://ec.europa.eu/growth/index_en.htm
- ✓ **Specific process applies** → Joint Assessment of the Harmonized Standard Verification and publication of the reference



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Citation in the Official Journal of the European Union



Citation in OJEU
 Voluntary use of the standard
 Presumption of conformity with
 Essential Requirements
 CE marking

| | | | |
|---------|---|---|---------------------------|
| Cenelec | EN 55013:2013 Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement | EN 55013:2001 and its amendments | 22/04/2016 |
| Cenelec | EN 55014-1:2006 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission | EN 55014-1:2000 + A1:2001 + A2:2002 Note 2.1 | Date expired (01/09/2009) |
| | EN 55014-1:2006/A1:2009 CISPR 14-1:2005/A1:2008 | Note 3 | Date expired (01/05/2012) |
| | EN 55014-1:2006/A2:2011 CISPR 14-1:2005/A2:2011 | Note 3 | Date expired (16/08/2014) |
| Cenelec | EN 55014-2:1997 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard | EN 55104:1995 Note 2.1 | Date expired (01/01/2001) |



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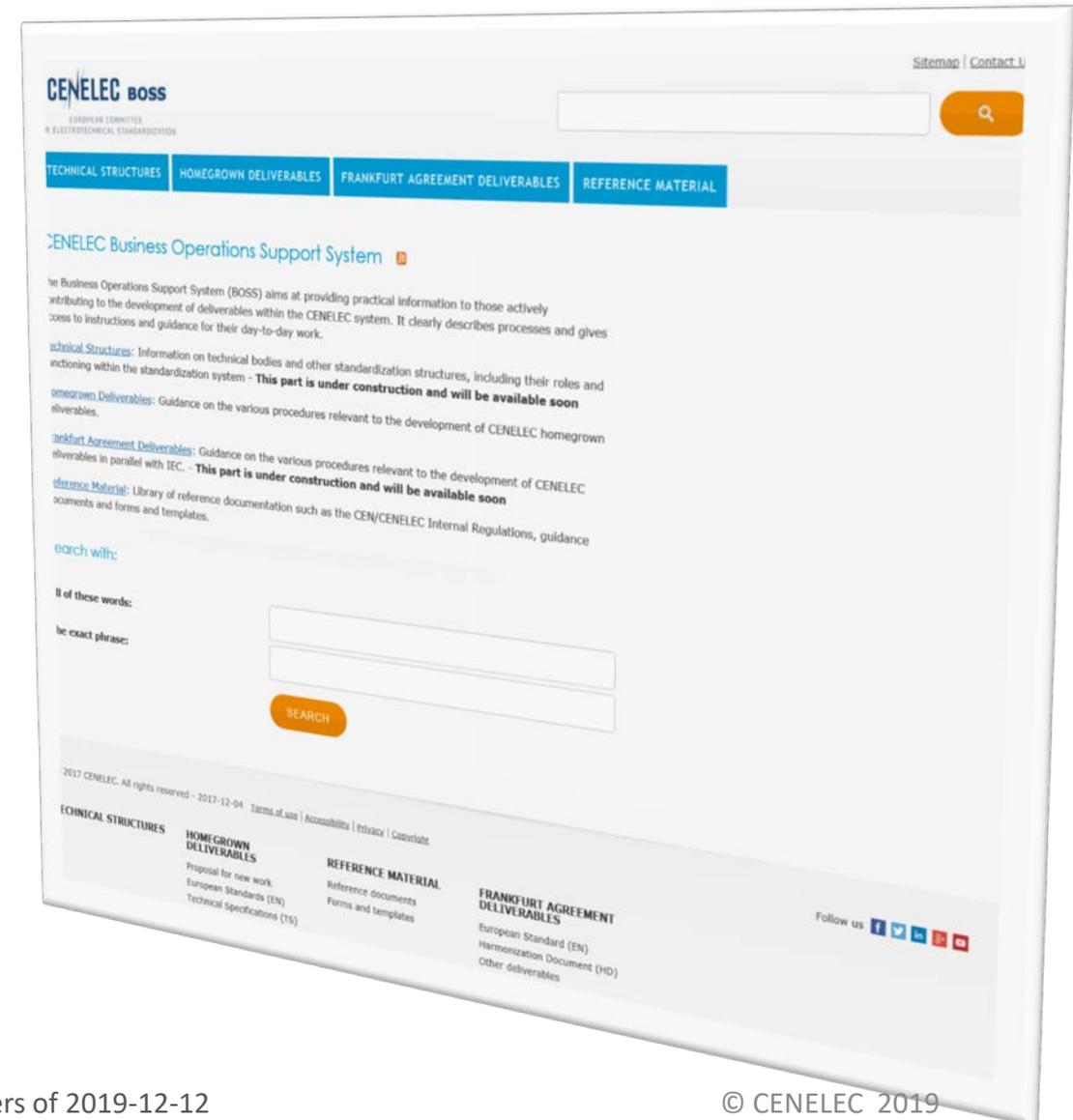
Information and guidance documents



Business Operations Support System - BOSS



- Source of stable information from CENELEC to CENELEC/TC secretaries, chairs, experts.
- Quick and easy access to navigate- internet tool with public access from main CENELEC website
- CEN-CENELEC Internal Regulations are on the BOSS
 - Part 2: Common Rules for Standardization Work
 - Part 3: Rules for the structure and drafting of CEN/CENELEC Publications



- Forms and templates

TECHNICAL BODY ORGANIZATION

- > [Meeting agenda](#)
- > [Terms of Reference](#) NEW!
- > [TC Business Plan](#)
- > [TC report to BT](#)
- > [SC report to TC](#)
- > [BTF report to BT](#)
- > [Registration form TC meeting](#)
- > [Registration form BTF meeting](#)
- > [Registration form \(BT\)WG meeting](#)

TECHNICAL WORK

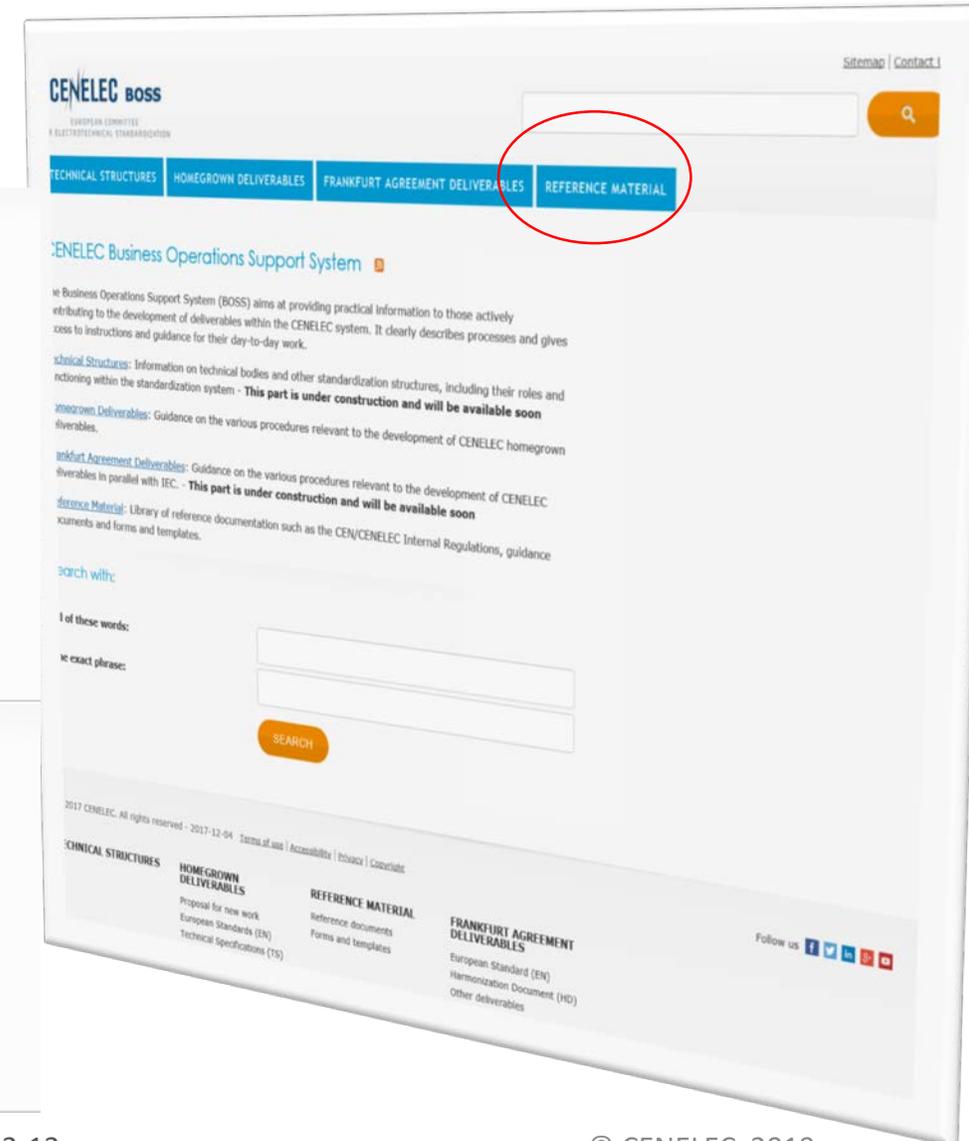
- > [Commenting template](#)
- > [HAS Consultants - meeting attendance - Guide](#)
- > [HAS Consultants - meeting attendance - Request form](#)
- > [IPR- Exploitation Rights License Agreement](#)
- > [IPR - Attendance list](#)
- > [IPR - Patents declaration](#)
- > [IPR - WS exploitation](#)
- > [NWI form](#)
- > [New Field of Technical Activity](#)
- > [Standard template](#)
- > [SSO - Opinion on draft ENs](#)
- > [Transmission Notice](#)
- > [Vilamoura - Notification of a new national project](#)
- > [Vilamoura - Notification of a revision of a national standard](#)

ANNEX ZZ

- > Generic template ([EN](#) - [FR](#) - [DE](#))
- > Ecodesign ([EN](#) - [FR](#) - [DE](#))
- > EMCD ([EN](#) - [FR](#) - [DE](#))
- > LVD ([EN](#) - [FR](#) - [DE](#))
- > RED - EMC ([EN](#) - FR (not available) - [DE](#))
- > RED - Safety ([EN](#) - FR (not available) - [DE](#))
- > Medical Devices ([EN](#) - FR and DE not available)
- > Machinery ([EN](#) - FR and DE not available)
- > IVDR ([EN](#) - FR and DE not available)

TECHNICAL BOARD

- > [NC template for BT documents](#)
- > [Reply to BT consultation \(NCs\) - general](#) NEW!
- > [Reply to BT vote on Standardization Requests \(NCs\)](#)
- > [Reply to BT consultation - Partners](#)
- > [Comments on draft Standardization Requests](#)
- > [Candidature for \(re\)allocation of TC/SC/JTC secretariat](#)
- > [Candidature for \(re\)allocation of SR secretariat](#)



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The screenshot shows the cover of the 'Technical Boards Newsletter'. At the top left is the CEN-CENELEC logo. The title 'Technical Boards Newsletter' is prominently displayed in a dark blue banner. Below the title, it indicates the issue is 'ISSUE NOVEMBER 2019 - Vol 5.' and provides social media links for home, Facebook, Twitter, LinkedIn, and YouTube. The main content highlights the '87th & 88th CEN/BT and 162nd & 163rd CLC/BT' meeting. A summary paragraph follows, mentioning meetings in Brussels and Bilbao. The sign-off is from Cinzia MISSIROLI, Director of Standardization & Digital Solutions. At the bottom, two key topics are listed in blue banners: 'Common CEN-CENELEC matters' and 'CEN-CENELEC Ambitions 2020 and Strategy 2030'.

Useful information



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- Websites:
 - www.cenelec.eu
 - www.cencenelec.eu
- CEN-CENELEC Newsletter: [‘On the spot’](#)
- Social Media: [Facebook](#), [Twitter](#), [LinkedIn](#)
- [CEN-CENELEC](#) and [CENELEC](#) Guides
- Members [list](#)
- [10-10 webinars](#)



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- TC reports to BT, NWI requests: dataservice@cencenelec.eu
- Texts for procedures: production@cencenelec.eu
- Liaisons with European federations: Partners@cencenelec.eu
- Support on research projects: research@cencenelec.eu
- For anything else, contact your project manager 😊

Thank you!
Questions?

cvigneron@cencenelec.eu

cpalagi@cencenelec.eu

gmaes@cencenelec.eu



www.cenelec.eu

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In the lobby on this floor



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