

WELCOME
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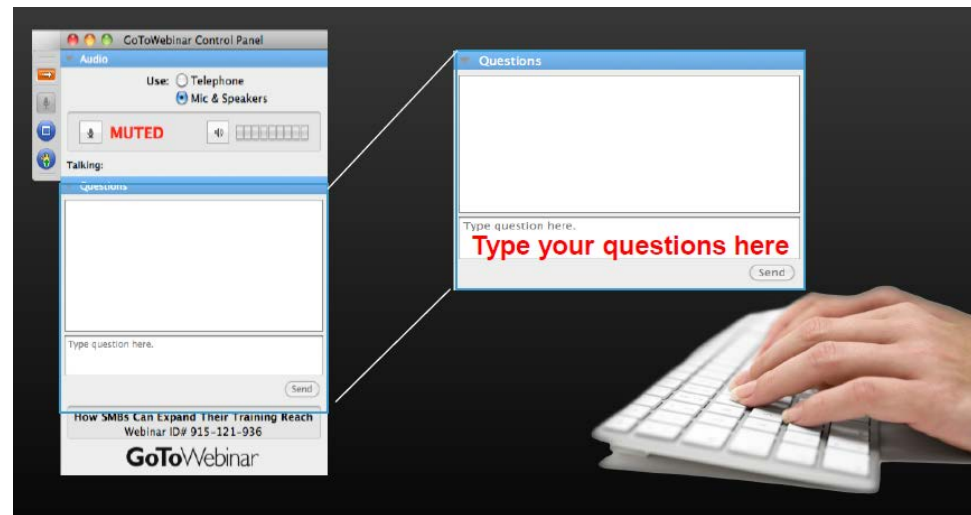
The Frankfurt Agreement (FA) Principles and day-to-day management



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The Frankfurt Agreement - Principles and day-to-day management



Your speakers



Catherine VIGNERON

Customer Service Specialist
Energy & Living
CEN & CENELEC



Geert MAES

Customer Solution Manager
Industry – Electrotechnology
CEN & CENELEC



Gilles THONET

Head of Standardization Strategy,
Secretary of the Standardization Management Board
(SMB)
International Electrotechnical Commission
(IEC)



The Frankfurt Agreement



▲ Content

- ▲ Objective

- ▲ Value of IEC and CENELEC Standards

- ▲ Four Pillars of the Frankfurt Agreement

- ▲ Relation between the European Standardization System and EU legislation

- ▲ Practicalities



Historical background



Lugano Agreement - 1991



Dresden Agreement - 1996

30 years partnership
CLC 80% aligned on IEC



Frankfurt Agreement - 2016



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OBJECTIVE



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

Value of IEC 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**

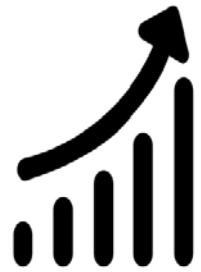


WORLD TRADE
ORGANIZATION



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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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FRANKFURT AGREEMENT PILLARS

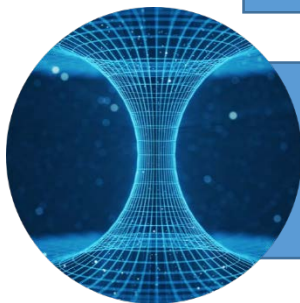
Four Pillars of the Frankfurt Agreement



Common planning of Work



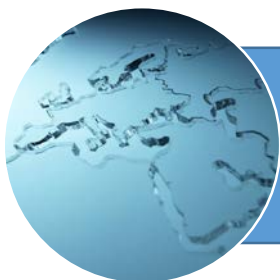
Parallel voting on draft International Standards



Publication Requirements



Conversion of European Standards
into International Standards



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

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

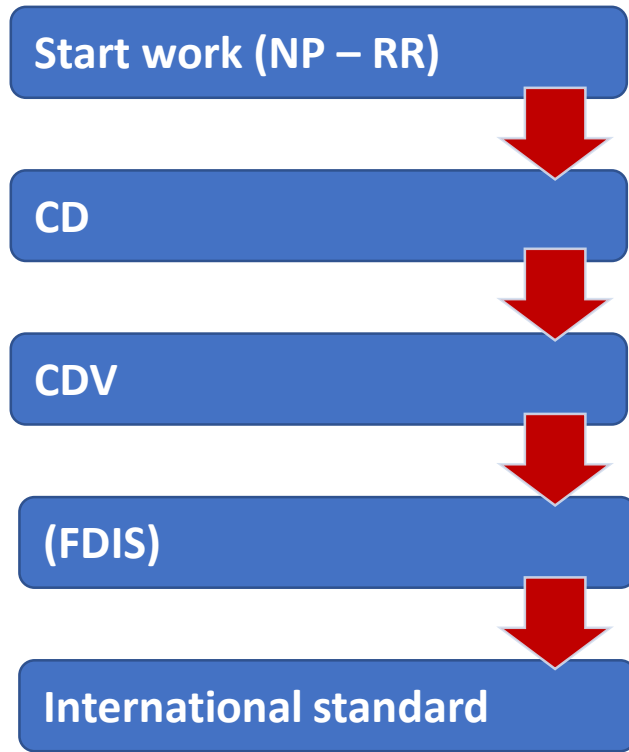
Max 24 weeks

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

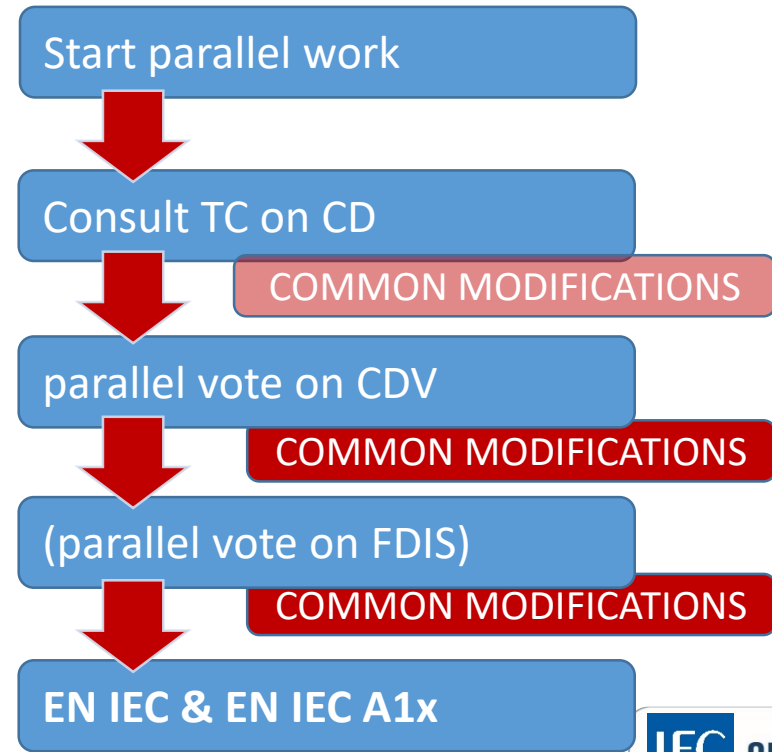
Parallel voting on draft International Standards

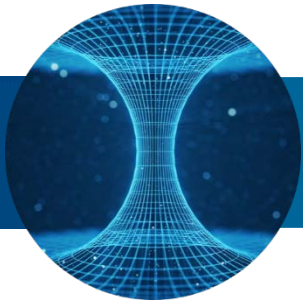
It is important to start parallel work from the earliest stages!!
From CDV on systematic parallel voting procedure in CENELEC

IEC



CENELEC





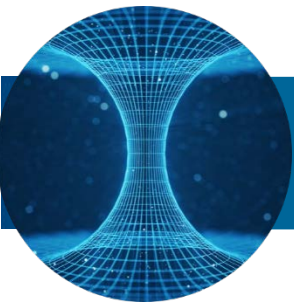
Parallel voting on draft International Standards



>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





Parallel voting on draft International Standards



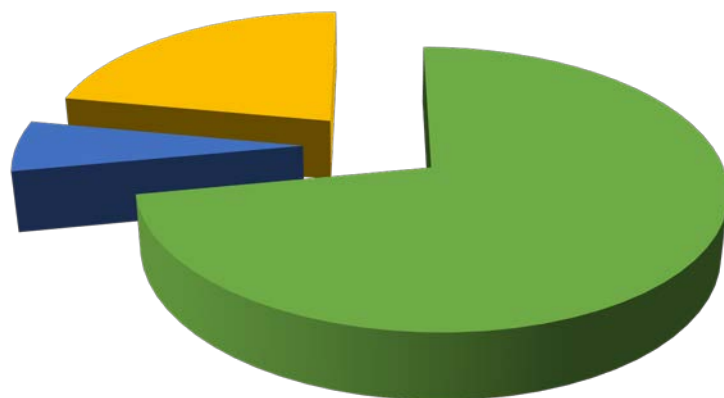
Why not 100%?

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,...



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



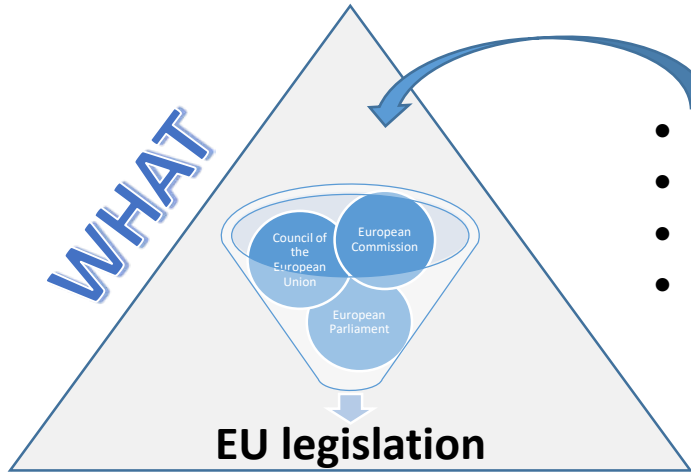
- Identical to IEC publications → EN IEC 6XXXX
- Based on IEC publications → EN 6XXXX
- No relation to IEC publications → EN 5XXXX

- ▲ 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



RELATION BETWEEN THE EUROPEAN STANDARDIZATION SYSTEM & EU LEGISLATION

Relation between the European Standardization System and EU legislation



- Public authority
- Compulsory
- Setting **what** goals to reach
- Revised when policy requires

HOW



Harmonized European Standards

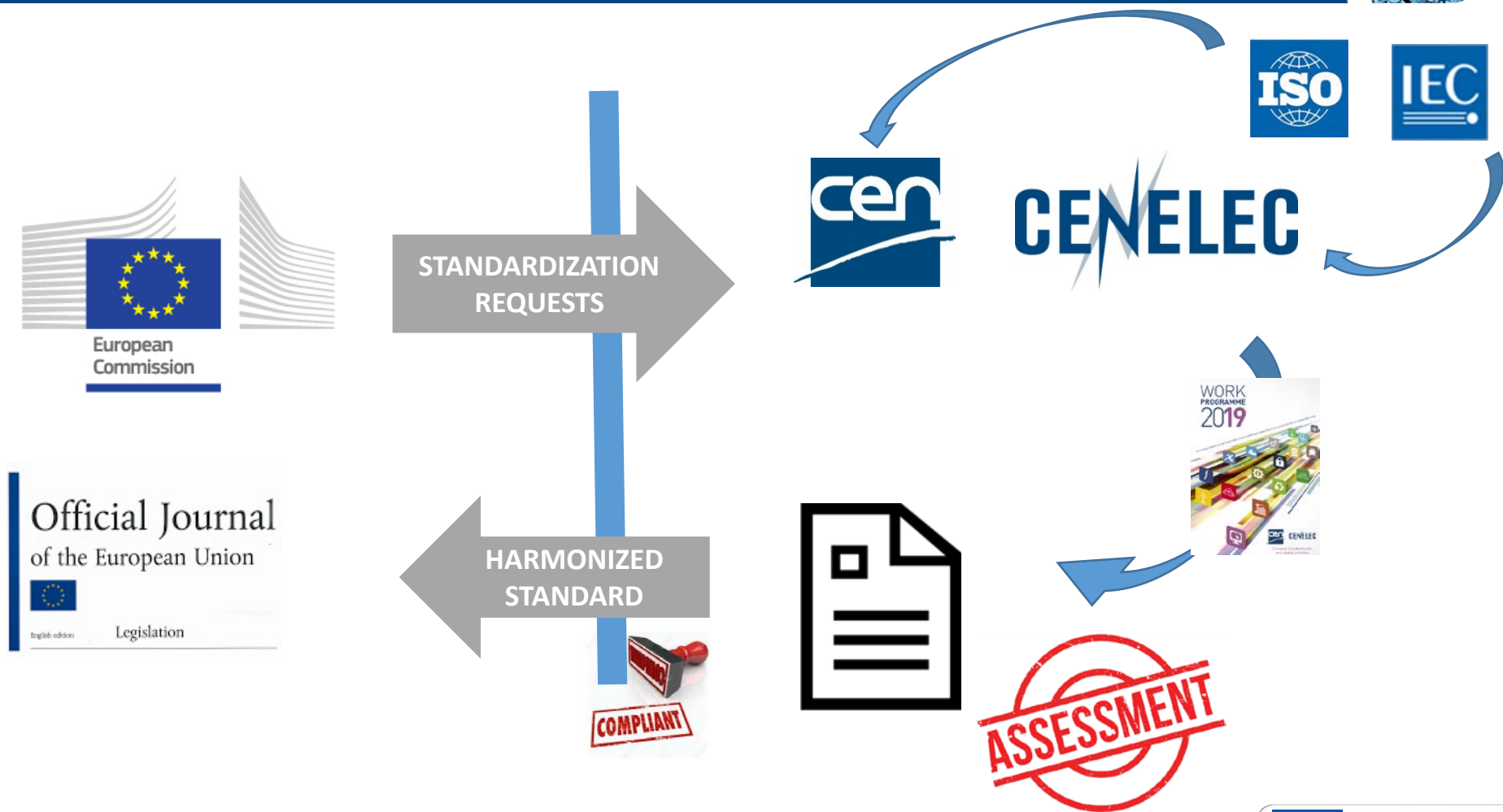
- Private independent organizations
- Voluntary
- **How** to reach goals
- State of the art; min. 5-year review cycle

Essential Requirements/
Safety Objectives



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Relation between the European Standardization System and EU legislation





HAS Consultants

- independent experts
- Contracted by the EC (through a general contractor = EY)



main tasks:

'Compliance assessment' of the documents drafted by the ESOs,
'Communication' to the technical bodies of the ESOs - contribute compliance of the drafted documents with the EC's standardisation requests

HAS Consultants comments:

- No veto on consensus
- Input for compliance to EU legislation on harmonized standards

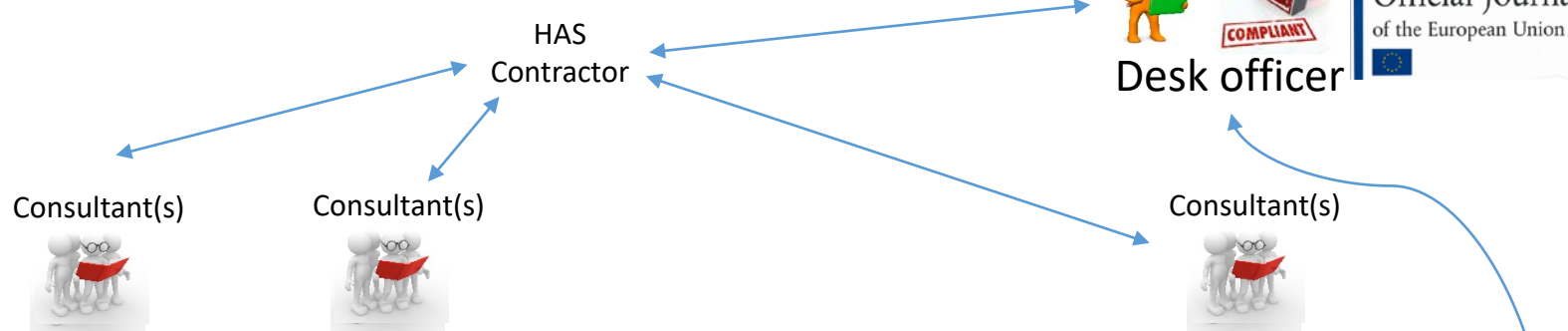
→ IEC/TC decision to pick them up or not.



Maximize harmonized EN IEC Standards without common mods

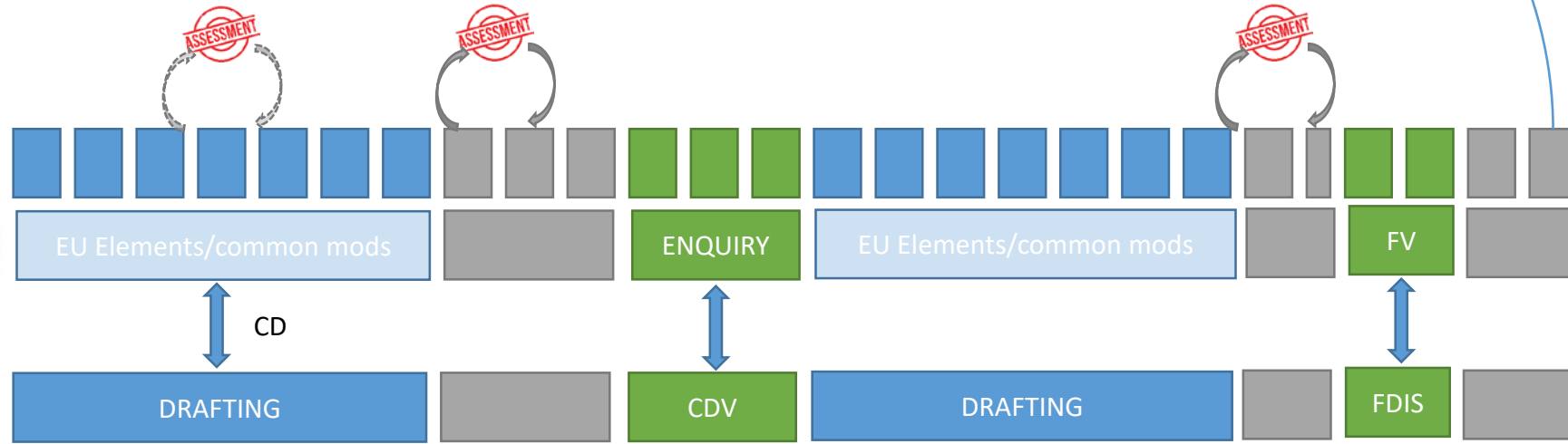


European Standardization System and EU legislation Practical interface



CENELEC

IEC



TC
 CCMC and NSB/NC secretariat Preparation/editing/translation/finalisation
 ENQUIRY/FORMAL VOTE





PRACTICALITIES

- Monitoring of work programme
- European Elements
- Annex ZZ
- Normative References
- HAS Consultants comments



80 % alignment

- ▲ requirement = **close mirroring by CLC Technical Bodies**
 - ▲ Closely monitor IEC work programme
 - ▲ Timely comment to avoid common modifications
 - ▲ Evaluate relevant links to the relevant European legislation: is a harmonized standard needed?
 - ▲ Ensure work item reflects all aspects:
 - ▲ At CLC level
 - ▲ At IEC level

'Typical European Elements'



European Technical Body to provide as part of the European Standard

▲ Parts of standards:

▲ Common Modifications

Principle: all relevant stakeholders' needs and expectations are duly taken into account at IEC level, when No alignment possible with specific CLC needs? → possibility to do Common Modification (see IR2 clause 2.14)

Timing is key

Offer to IEC for later uptake

▲ Annex ZA

substitution of normative references by equivalent European Normative references

▲ For harmonized standards: informative Annexes ZZ

identify which clauses cover which legal requirements

▲ 'relevant documentation' (mainly for harmonized standards)

▲ Justification for the used normative references

▲ Undated

▲ Sometimes older documents or non IEC documents

▲ any form of pre-assessment by the TC, e.g. risk assessment

▲ sectoral specific arrangement, etc.

May be sourced
from IEC!



A word on: Annex ZZ



- ▲ Informative
- ▲ Indicates relationship between essential requirements (or safety objectives) of a Regulation/Directive **aimed to be covered** and the applicable clauses
- ▲ As many Annexes ZZ as Regulations/Directives aimed to support
- ▲ Required level of granularity: Essential Requirements (or Safety Objectives)
 - ▲ can be taken together if covered by same clauses
 - ▲ expanded in more lines if the requirements are not covered in the same (sub)clauses
- ▲ Not all clauses are clauses containing technical requirements to be followed (e.g. definitions, references, scope, etc.)
 - ▲ challenging ‘all clauses’-statements
 - ▲ not challenging ‘all indicated clauses’ (hence identification of clauses)

A word on: Annex ZZ



▲ Standards with parts

- ▲ Part 1 with requirements applicable to all products, other parts with requirements allocated to different types or intended use of products;
- ▲ Parts all mutually independent;
- ▲ One part dealing with limits or test levels, another part dealing with measurement methods and a third part dealing with performance criteria,

▲ Only one Annex ZZ for all parts or a Annex ZZ for each part?

- ▲ Parts that do not confer Presumption of Conformity (PoC) (stand alone): no listing/no Annex ZZ
- ▲ Annex ZZ for each part that needs to be listed

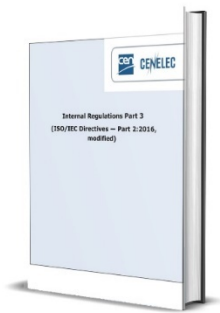
▲ An amendment cannot be considered in isolation to the standard being amended

- ▲ When amending a standard , TC shall also consider the possible amendment of the Annex ZZ





▲ IEC Directives part 2 - CEN-CLC Internal Regulations Part 3

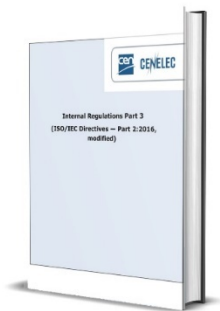


Dated References (10.5)

- ▲ **Default solution**
- ▲ Date when conditions for undated are not met
- ▲ Referenced document amended or revised?
 - ▲ review the dated references
 - ▲ assess whether they should be updated or not
- ▲ Normative dating happens within the text (not in clause 2)



▲ IEC Directives part 2 - CEN-CLC Internal Regulations Part 3



Undated References (10.4)

- ▲ only referring to a **complete document** and,
- ▲ possible to use **all future changes of the referenced document** for the **purposes of the referring document, and**
- ▲ the reference will include **all amendments to and revisions of the referenced document**



Different context

Different outcomes at IEC and CLC possible





▲ European Commission requirements & position

- Standards are part of a legal system
- ‘Presumption of Conformity’ = legal effect, given by EC
- hence need for certainty as to



EXTENT/SCOPE



BEGINNING - ENDING

Normative References: European context



- ▲ Limited and controlled reference chains
- ▲ Normative references **do not need to be harmonized standards**
- ▲ Documents must be **publicly available**
- ▲ Preferably refer to **latest edition (but older are acceptable)**
- ▲ **Evaluate the suitability** of each normative reference
 - ▲ **For undated references evaluate the impact of evolution:**
 - ▲ **For the products covered:** Risk of loss of conformity with a harmonized standard
 - ▲ **For the standard:** Risk of loss of Presumption of conformity



REPEAT



Maximize harmonized EN IEC Standards without common mods

HAS Consultants comments:

- No veto on consensus
- Input for compliance to EU legislation on harmonized standards

▲ How to ?

▲ NC holding the secretariat of the CLC Technical Body or Reporting Secretariat to convey two types of comments to the IEC :

▲ Their own NC comments as national position

▲ A separate set of 'XXX Comments' – covering HAS Consultants comments



LEARNING POINTS

KEY LEARNING POINTS



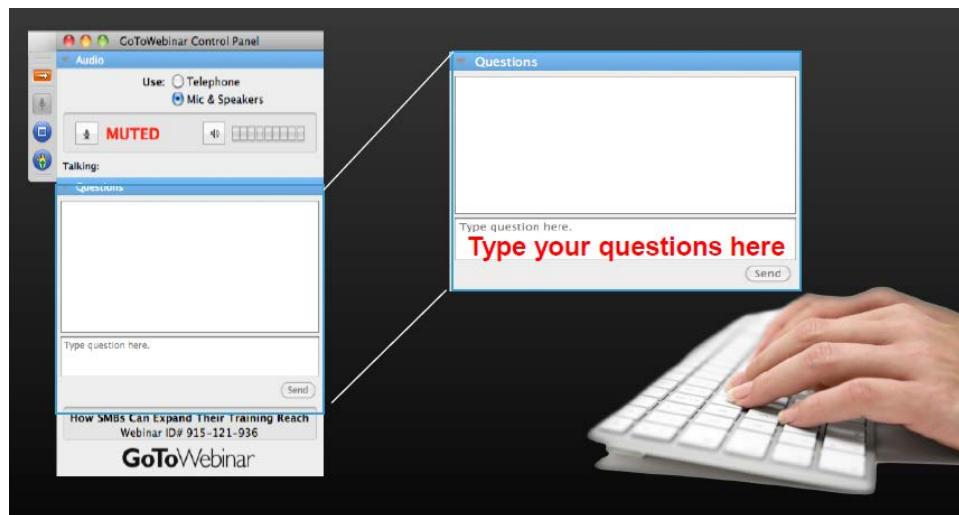
- 1) Longstanding partnership – 80% alignment!
- 2) Added value of CENELEC: 1 single European standard for the European Market
- 3) Close & timely mirroring is key to maximize identical adoption
- 4) Harmonized standards: a cost-effective way to the EU market using global standards
- 5) hEN: uptake of legislative comments, CENELEC ‘Annex ZZ’



Questions



Use the Q&A panel to submit your questions



Join the conversation on Twitter [#1010webinar](https://twitter.com/1010webinar)

THANK YOU
FOR YOUR PARTICIPATION



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2019-11-26 – webinar “Frankfurt Agreement” oriented to IEC community
with more education material on what CENELEC is about, use-case of a
European TC mirroring IEC activities, concrete collaboration examples

→ more information will follow soon



www.cenelec.eu
www.iec.ch

**THANK YOU
FOR YOUR PARTICIPATION**



**The Frankfurt Agreement (FA)
Principles and day-to-day management**

Next 10-10 webinar on 2019-10-10:

The Vienna Agreement: Day-to-day management



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