

# The Vienna & Dresden Agreements

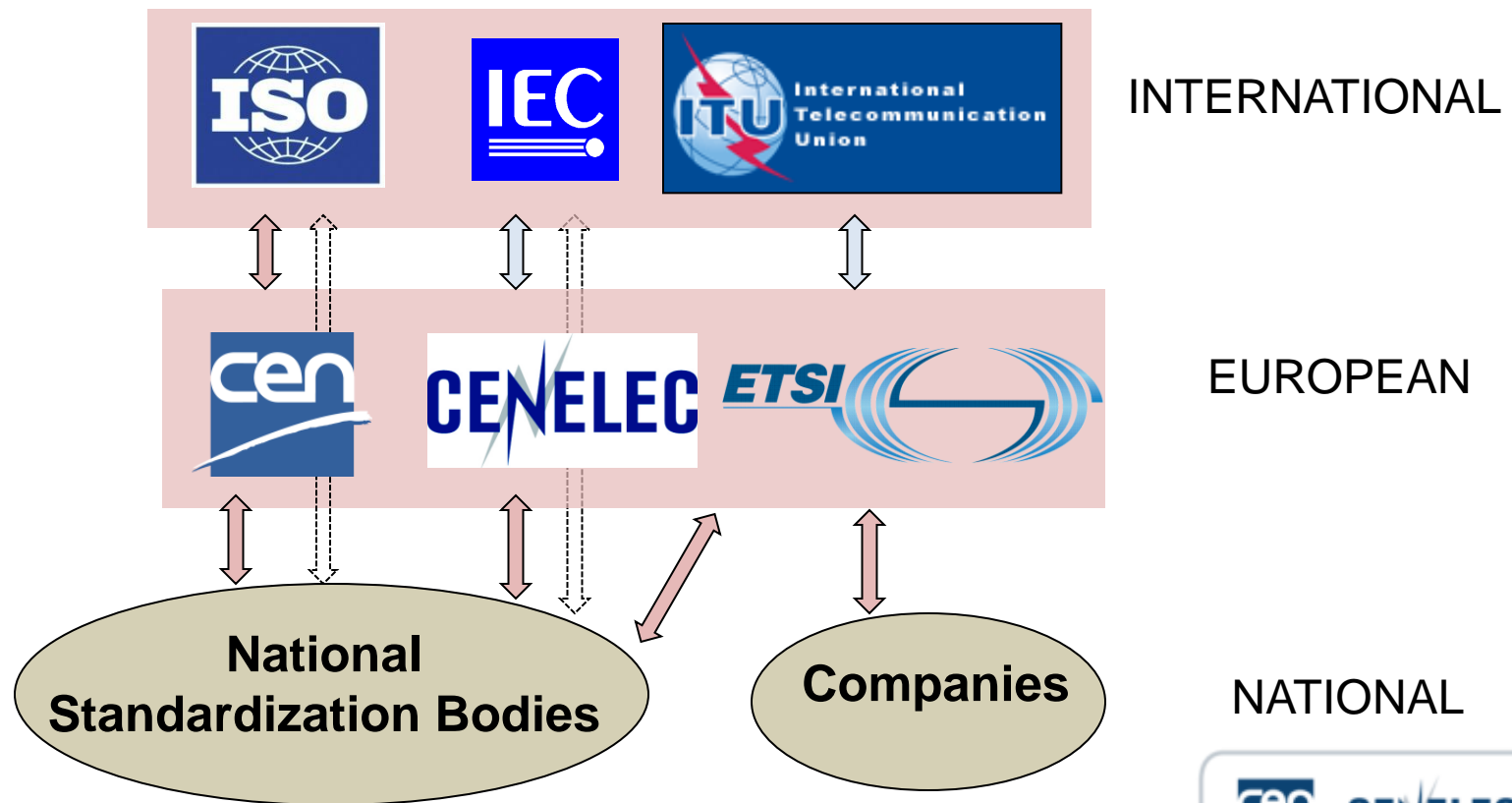
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Training to GSO – 2013-03-04

# International, European & National Standardization



# A Model With An International Approach



Vienna Agreement



~ 30 % of CEN standards are developed under the Vienna Agreement (**depending on sectors**)



Dresden Agreement



~ 80 % of CENELEC standards are identical to or based on IEC standards



MoU for telecommunications sector (ITU-T)  
Agreement on radio-communication sector (ITU-R)



# The Vienna and Dresden Agreements



CEN, CENELEC and ETSI have **agreements with their international counterparts** to ensure cooperation:

- CEN & ISO: Vienna Agreement
- CENELEC & IEC: Dresden Agreement
- ETSI & ITU-T: MoU Telecommunication sector
- ETSI & ITU-R: Agreement radio-communication sector

# Vienna Agreement



## Agreement on technical cooperation between ISO and CEN

- Signed in 1991
- 'Codified version' approved in 2001
- Guidelines (5<sup>th</sup> edition) made available in May 2004

➤ [BOSS](#)

# Application of the Vienna Agreement

## → The sectors



### Some examples:

- Automotive industry
- Gas appliances
- Material for the petroleum industry
- Medical devices
- Machines
- Construction
- Nanotechnologies

# Vienna Agreement



## Primary aim

Avoid duplication between standardization at international and European levels, for the benefit of contributors to, and users of, standards

# Vienna Agreement



## Some basic principles (1)

- The agreement recognises the primacy of international standards
- The agreement recognises also that there might be particular needs for standards (e.g. in EU) for which a need has not been recognised at the international level
- ISO recognises and respects that CEN operates within, and must respect, a political environment (EEA and cooperation with the other ESO's)



# Vienna Agreement



## Some basic principles (2)

- Transfer of work from CEN to ISO is the preferred route but is not automatic
- When expected results are not attained, the party which is not satisfied can decide to proceed separately
- CEN commits to respond adequately to comments from non-CEN members of ISO
- Mainly applicable for Standards – TS & TR possible subject to Technical Board agreement

# Vienna Agreement



## Types of cooperation between ISO and CEN

- Correspondence
  - Provisions should be the subject of common agreement between the secretariats
  
- Mutual representation at meetings
  - Up to four representatives can be appointed to represent the TC (TC decision)
  - In the case of CEN lead, preference should be given to delegates from non-CEN members

# Vienna Agreement



## How to achieve identical International and European Standards (i.e. EN ISO XXX)?

- Adoption by CEN of an available ISO Standard
- Adoption by ISO of an available European Standard
- Elaboration of a standard in one organisation with parallel ISO/CEN approval procedure

# Vienna Agreement



Elaboration of a standard in one organisation with parallel ISO/CEN approval procedure – who takes the lead?

- One organisation gives the lead to the other
- The existence of an EU mandate does not imply CEN lead
- Currently, for CEN lead, majority vote of P-members of ISO TC required (if no consensus)

# Vienna Agreement



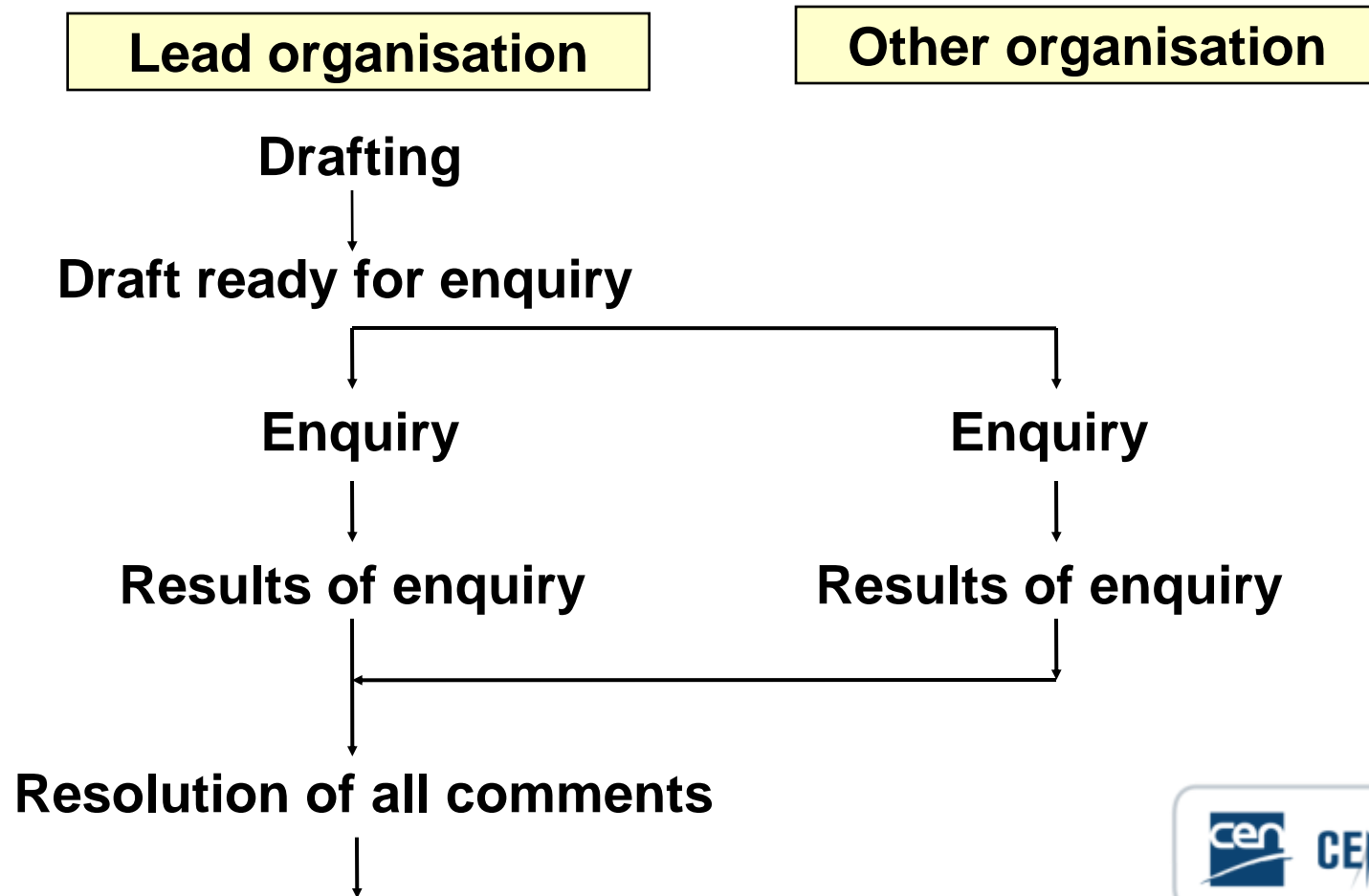
## Elaboration of a standard in one organisation with parallel ISO/CEN approval procedure

- Why is this (easily) feasible?
  - All CEN members are members of ISO
  - IR part 3 - Drafting rules - mostly identical
- Implications for ISO and CEN
  - ISO: must take into account requirements of mandates
  - CEN: must deal with comments from non-CEN members of ISO
  - Revisions are carried out under ISO lead

# Parallel ISO-CEN procedure

- The lead of a project **is given** by the joining organisation to the initiating organisation.
- TC takes a resolution for joint work and gives the lead to the initiating organisation
- CCMC & ISO/CS are informed and their databases are updated

# Parallel ISO-CEN approval procedure (1)



# Parallel ISO-CEN approval procedure (2)



**Lead organisation**

**Other organisation**



**Draft ready for vote**



**Vote**

**Vote**









**Adoption, publication  
and implementation**

**Adoption, publication  
and implementation**



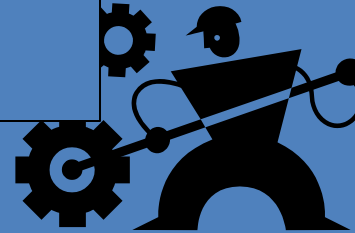
# Parallel ISO-CEN procedure (3)

ISO	CEN	
		EN ISO 123*
		ISO 123
		EN 123

\* ISO always publishes the text. CEN publishes only the European foreword & annexes



Technical content



# Vienna Agreement



Adoption of the same publication, both in ISO and CEN

- Success factors?
  - Clear decisions from involved TCs
  - Clear communication between the TCs

# Vienna Agreement



## Available information:

Vienna Agreement (2001): *BOSS*

Guidelines (2004): *BOSS*

Frequently asked questions: *BOSS*

Guidance on implications of the ISO Global Relevance policy for CEN Standardization: *BOSS*

<http://www.cen.eu/boss/supporting/Reference%20documents/cooperation/Pages/default.aspx>

# Dresden Agreement



Very similar to the Vienna Agreement

However, some differences between electrotechnical and non electrical standardization

IEC created in 1906 (ISO created in 1947)

- > Electrotechnical standardization started at international level
- > In principle, IEC standards implemented as European and national standards

# Dresden Agreement



'Agreement on common planning of new work and parallel voting' between IEC and CENELEC

- Signed in 1991 (Lugano Agreement)
- Current version dated 1996

[www.iec.ch/about/globalreach/partners/regional/iec\\_cenelec\\_agreement.htm](http://www.iec.ch/about/globalreach/partners/regional/iec_cenelec_agreement.htm)

[CENELEC Website](#) (CLC Guide 13 – common planning on new work and parallel vote, edition 2001)



# Dresden Agreement



## Differences from the Vienna Agreement

- Normally, any IEC draft is submitted to a parallel IEC-CENELEC adoption procedure (exceptions are decided by BT)
- Normally, any CENELEC proposal for new work is proposed to IEC
- Normally, no parallel development and adoption of common CENELEC-IEC publications under **CENELEC lead** (→ mobile phone chargers)
- Common modifications (CM) to International work can be introduced at European level

# Common modifications

If an IEC standard does not fully satisfy the European market CLC/TC decide on the need for Common modifications (CM).

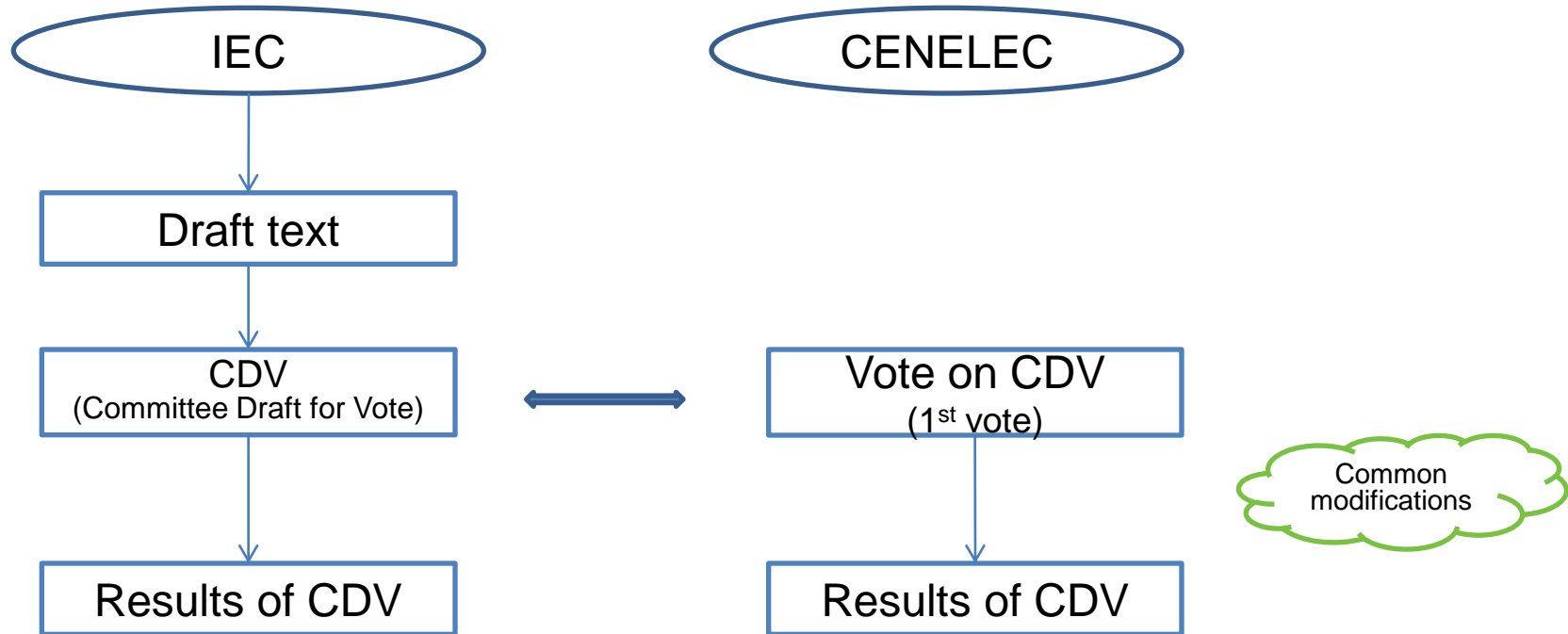
It may happen :

- From the beginning of the project
- Before/During/After CDV
- Before/During/After FDIS

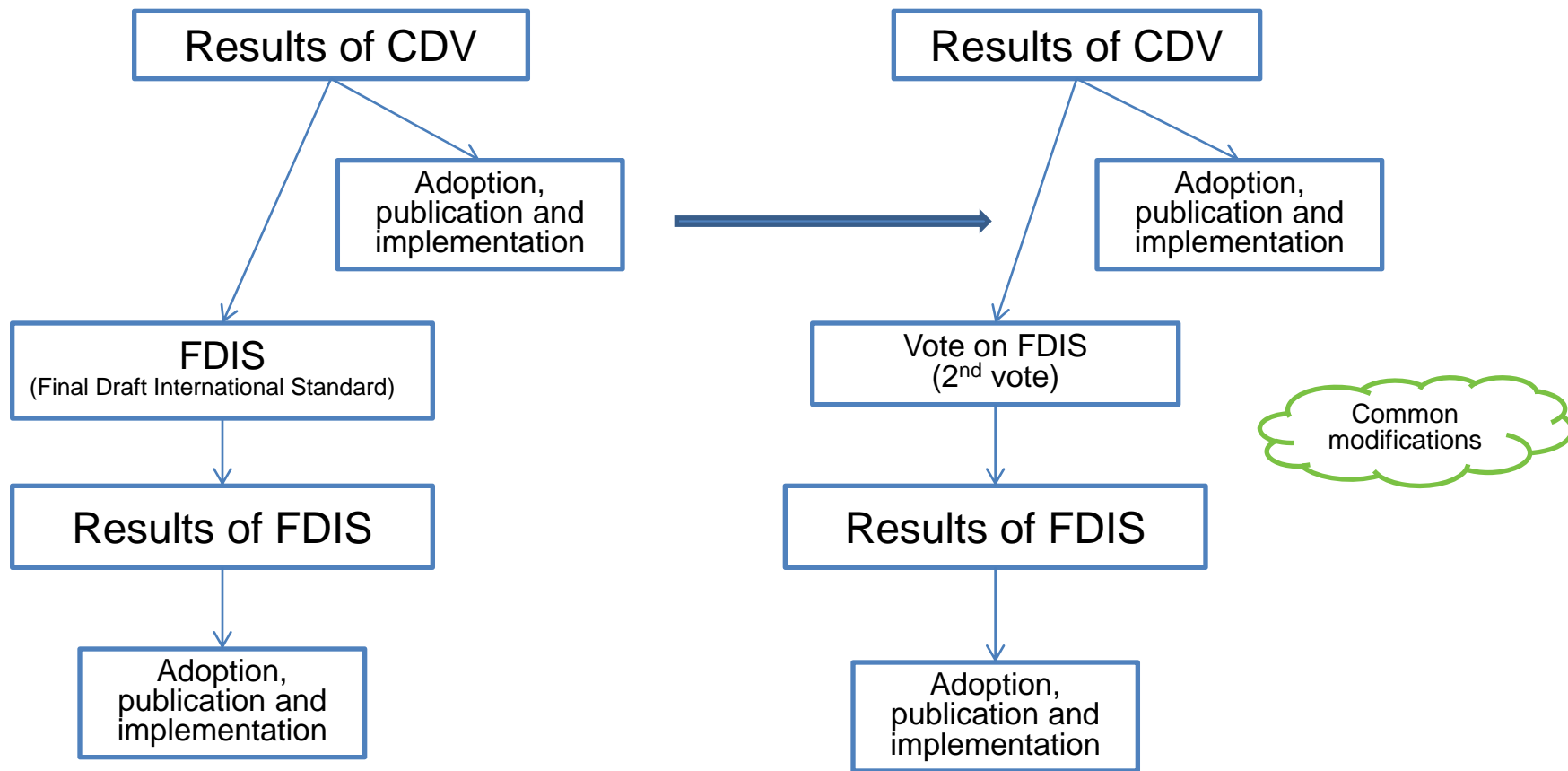
If the need for CM is identified after ratification, the CM is processed in the form of a European Amendment (A11, A12, ...)









# Parallel Procedure IEC-CENELEC



# Parallel Procedure IEC-CENELEC (2)



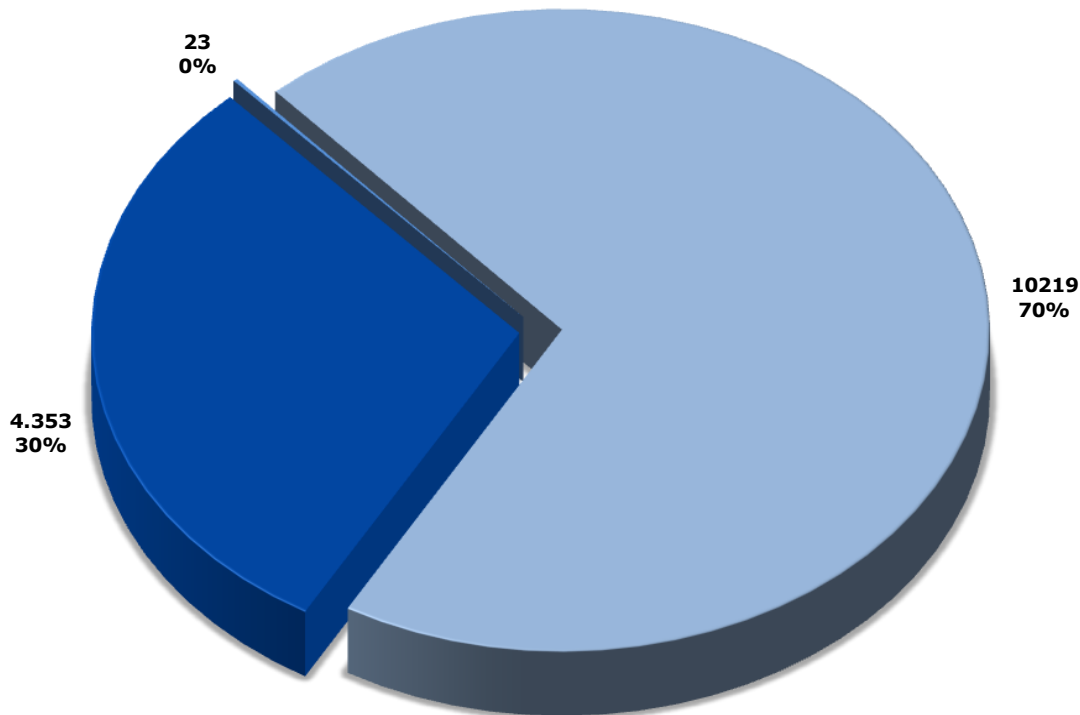
# Results on CDV – What happens?

IEC	CENELEC	Action
		FDIS or Publication (depending on IEC decision)
		a) IEC → FDIS CLC → FDIS (possible CM)  b) IEC → Publication CLC → modified text for new procedure OR project abandoned
		CLC dependant on IEC decision (Homegrown/new IEC version... )

# Current situation - ISO – CEN relation



CEN - Portfolio - Relation to ISO



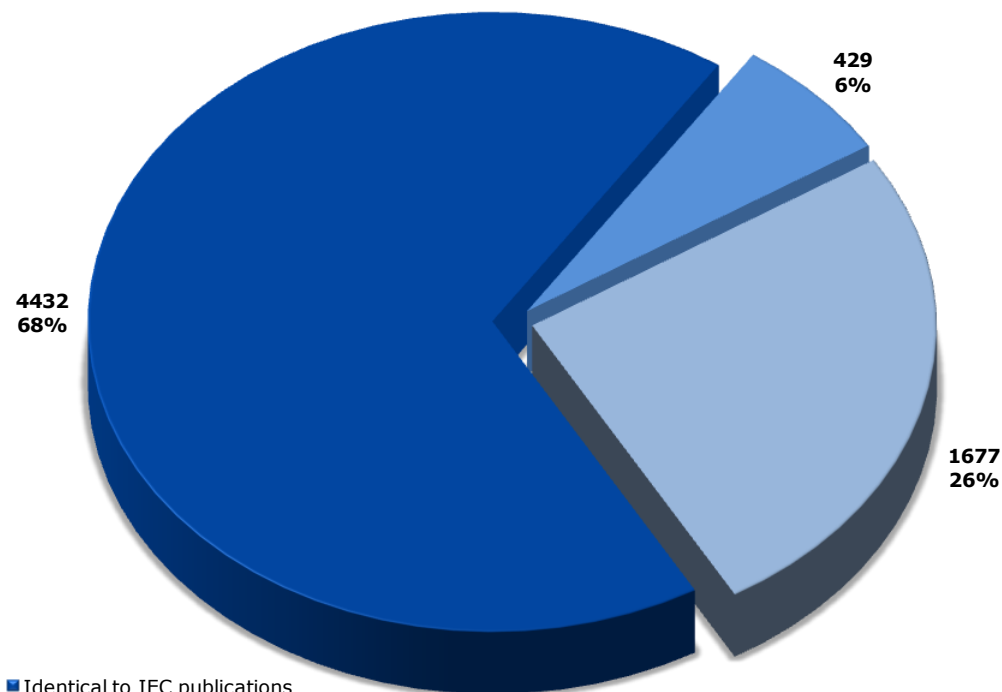
- Identical to ISO publications
- Based on ISO publications
- No relation to ISO publications

30% of the CEN publications are identical to ISO publications. These publications are distributed as follows: 39% result from an *a posteriori* adoption of ISO Standards, generally through UAP; 48% result from parallel adoption procedures under ISO lead; 13% result from parallel adoption procedures under CEN lead.

# Current situation – IEC – CENELEC relation



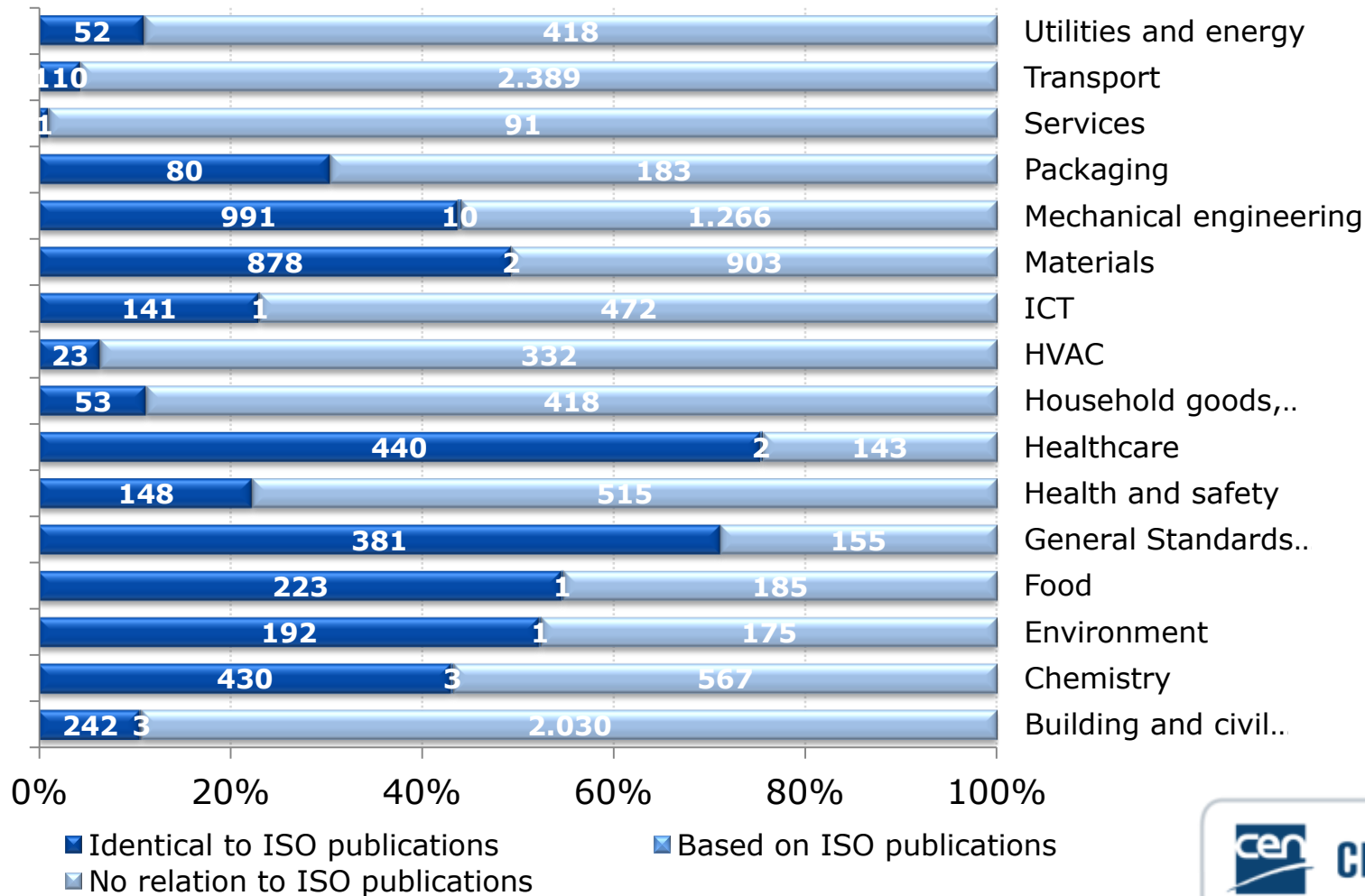
CENELEC - Portfolio - Relation to IEC



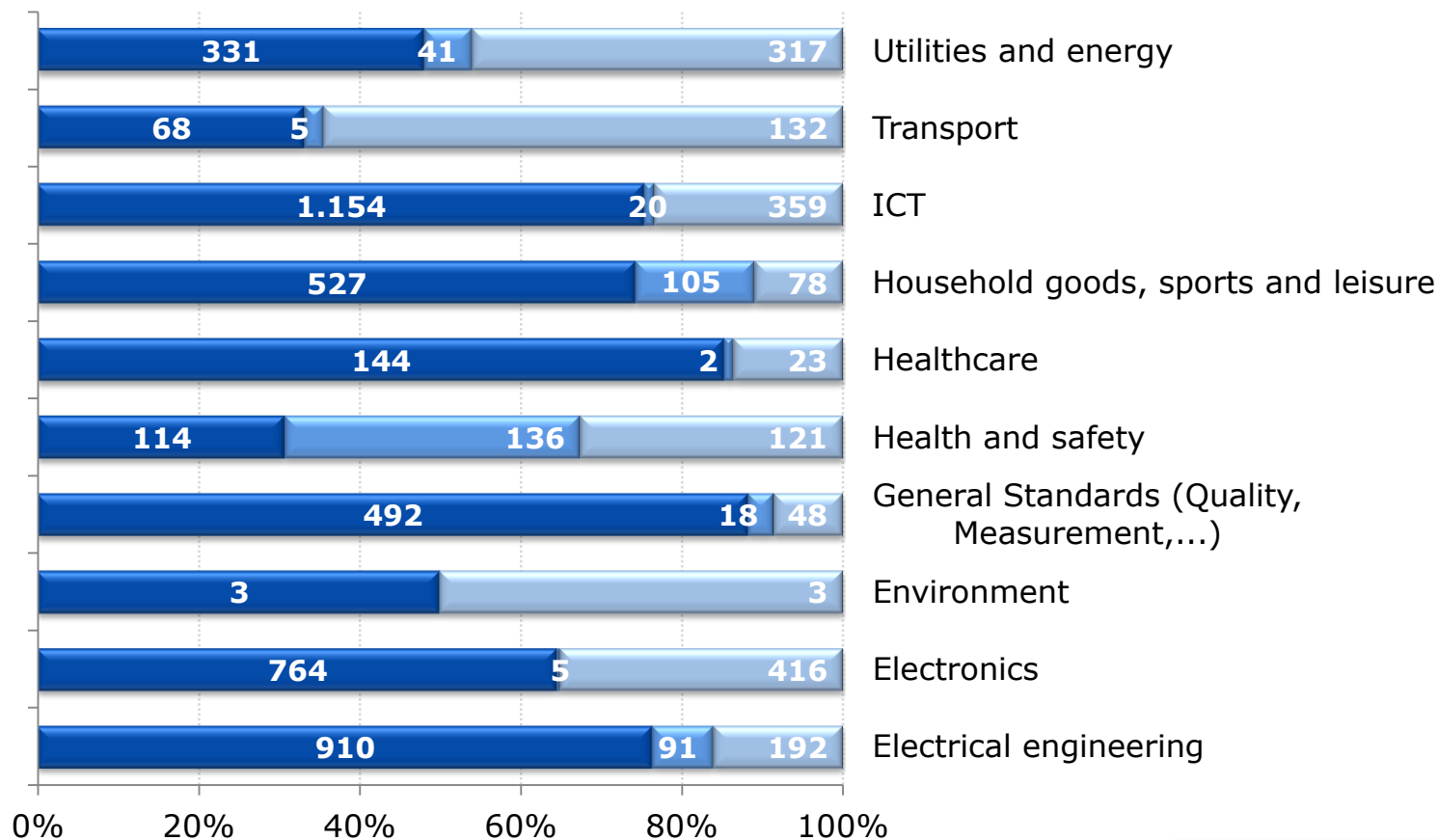
Of the 4432 CENELEC publications that are identical to IEC publications, 83% result from parallel CENELEC-IEC approval procedures.

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

# CEN - Portfolio - Relation to ISO by Business Domain



# CENELEC - Portfolio - Relation to IEC by Business Domain



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



# Thank you! – Questions?



[www.cen.eu](http://www.cen.eu)

[www.cenelec.eu](http://www.cenelec.eu)

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