



INFORMATION FOR TECHNICAL BODY OFFICERS

COMMON SESSION

The European Standardization System

Alberto SIMEONI

- ▶ The actors of the European Standardization System
- ▶ European Standards and other European deliverables
- ▶ The international dimension – Agreements with ISO & IEC
- ▶ The legislative framework for Standardization – EU Regulation (EU) 1025/2012

► The actors of the European Standardization System

Standardization happens on different levels...



National

European

International

Three distinct and private associations
 Recognised also in Art. 2 (8) and Annex I of EU Regulation 1025/2012!

Recognised also in Art. 2 (9) of EU Regulation 1025/2012!

Article 2

Definitions

For the purposes of this Regulation, the following definitions shall apply:

(8) ‘European standardisation organisation’ means an organisation listed in Annex I;

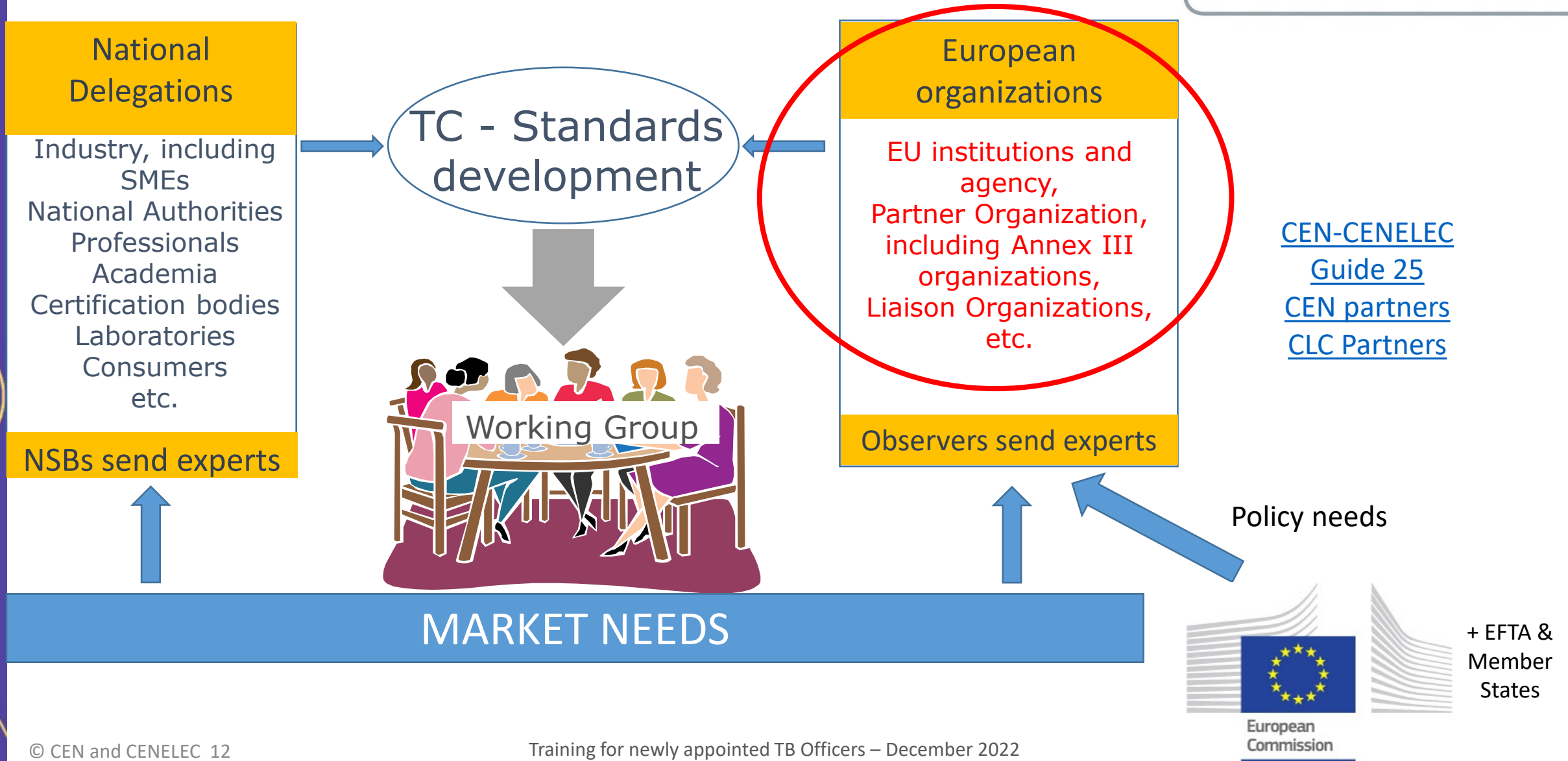
(9) ‘international standardisation body’ means the International Organisation for Standardisation (ISO), the International Electrotechnical Commission (IEC) and the International Telecommunication Union (ITU);

ANNEX I

EUROPEAN STANDARDISATION ORGANISATIONS

1. CEN — European Committee for Standardisation
2. Cenelec — European Committee for Electrotechnical Standardisation
3. ETSI — European Telecommunications Standards Institute

Other actors in standardization



Technical Boards (BTs)



- ▶ Chairperson: CEN & CENELEC Vice-Presidents Technical
 - For CEN only: meeting under the TCMG configuration (Technical Committee Management Group) -> decision-making body, operates upon delegation of CEN/BT
- ▶ Secretariat: CCMC
- ▶ Membership: one representative per NSB & NC
 - All NSBs and NCs are represented!
- ▶ Observers: ANEC, ECOS, SBS, ETUC, EU Partners, European Commission...
- ▶ By correspondence: weekly dispatch
 - Document for decision normally are out for a 4-week period
- ▶ Meetings/year:
 - 2 CEN/BT meetings + 2 CEN/BT TCMG meetings
 - 3 CLC/BT meetings

Technical Boards (BTs) - Responsibilities



- ▶ Advises and decides on technical matters (organization, procedures coordination, overlaps and planning)
- ▶ Examines and decides on new projects (New Work Items (NWI))*
- ▶ Decides on the acceptance of the standardization requests
- ▶ Undertakes any task with regard to technical work as may be requested by the General Assembly or the Administrative Board
- ▶ 'Management by exception' principle

* Decision delegated to the Technical Committee (TC)

Technical Boards (BTs) - Responsibilities

► Manages by exception – most common decisions on:

- Technical changes after FV to prevent defective standards
- Approval of a second tolerance during Standards development
- Approval of the launch of 2nd FV
- Approval after FV of addition/modification of Annex Z (normative references & table with correspondence between the clauses of the standard and legislation)
- Removal of links to legislation from standards

Linked to
harmonized
Standards

Recently

- new guidance for additional national elements

▶ European Standards & other European deliverables

CEN and CENELEC deliverables



European Standards (EN)

Prime deliverable by excellence

Technical Specifications (TS)

Pre-standard

Technical Reports (TR)

Informative document / Guide

Workshop Agreements (CWA)

Document, developed by a Workshop, which reflects an agreement between identified individuals and organizations responsible for its contents

Harmonization Documents (HD) - *only for CENELEC*

European Standards

Technical documents that prescribes technical requirements to be fulfilled by a product, process, service or system, which are:

- ▶ **Voluntary** in use
- ▶ With the involvement of **all interested parties** in a **transparent, open** and **consensus** based process
- ▶ Intended for a **common** and **repeated** use
- ▶ Approved by a **recognized body**
- ▶ Possible tools to underpin **legislation**



EUROPEAN STANDARD EN 50575
NORME EUROPÉENNE
EUROPÄISCHE NORM September 2014

ICS 13.220.50; 29.060.20

English Version

Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements

Câbles d'énergie de commande et de communication - Câbles pour applications générales dans les ouvrages de construction soumis aux exigences de réaction au feu

Starkstromkabel und -leitungen, Steuer- und Kommunikationskabel - Kabel und Leitungen für allgemeine Anwendungen in Bauwerken in Bezug auf die Anforderungen an das Brandverhalten

This European Standard was approved by CENELEC on 2014-08-11. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official version.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Ref. No. EN 50575:2014 E

European Standard (EN)



- ▶ Normative document published in the three official languages (EN, FR and DE)
- ▶ **Implemented at national level** by CEN and CENELEC Members
 - ▶ Identical adoption as a national standard
 - ▶ Conflicting national standards must be withdrawn
 - ▶ Standstill applies
- ▶ Reviewed maximum every **five years**
- ▶ If requested by the Commission in a SReq, may confer **presumption of conformity** to legislation (harmonized Standards)

Standstill

Harmonized Standard (hEN)



(c) 'harmonised standard' means a European standard adopted on the basis of a request made by the Commission for the application of Union harmonisation legislation;

→ Assessed before publication by Commission officer or HAS consultants

Technical Specification (TS)

- ▶ Normative document published in at least one of the three official languages (EN, FR and DE)
- ▶ Enquiry not mandatory
- ▶ Can be in (temporary) support
- ▶ Announced and made available at national level
 - ▶ Conflicting national standards may continue to exist – NO STANDSTILL
 - ▶ May conflict with other TS
- ▶ Cannot conflict with an existing European Standard (EN)
- ▶ Can be transformed into a European Standard later
- ▶ Reviewed every three years (at least)

Technical Report (TR)

▶ Informative document

- ▶ to provide information on the technical content of standardization work
 - ▶ may include e.g. data obtained from a survey, laboratory tests, data on work in other organizations
 - ▶ Does not contain requirements
- ## ▶ Adoption at simple majority
- ## ▶ No time limit is specified for its lifetime

Workshop Agreement (CWA)



- ▶ **Consensual** document developed in a Workshop -> NOT within a TC!
 - ▶ Flexible working platform with light procedures
 - ▶ Workshop participants are responsible for the CWA content
- ▶ **Open** to any company or organization inside / outside Europe
- ▶ Published in one language only
- ▶ **Voluntary** in application
- ▶ Listed in the CEN Members' national catalogues
- ▶ Can form the basis for future European or international standard
- ▶ CEN/CENELEC copyright
 - ▶ CWAs cannot be distributed or published freely on any website

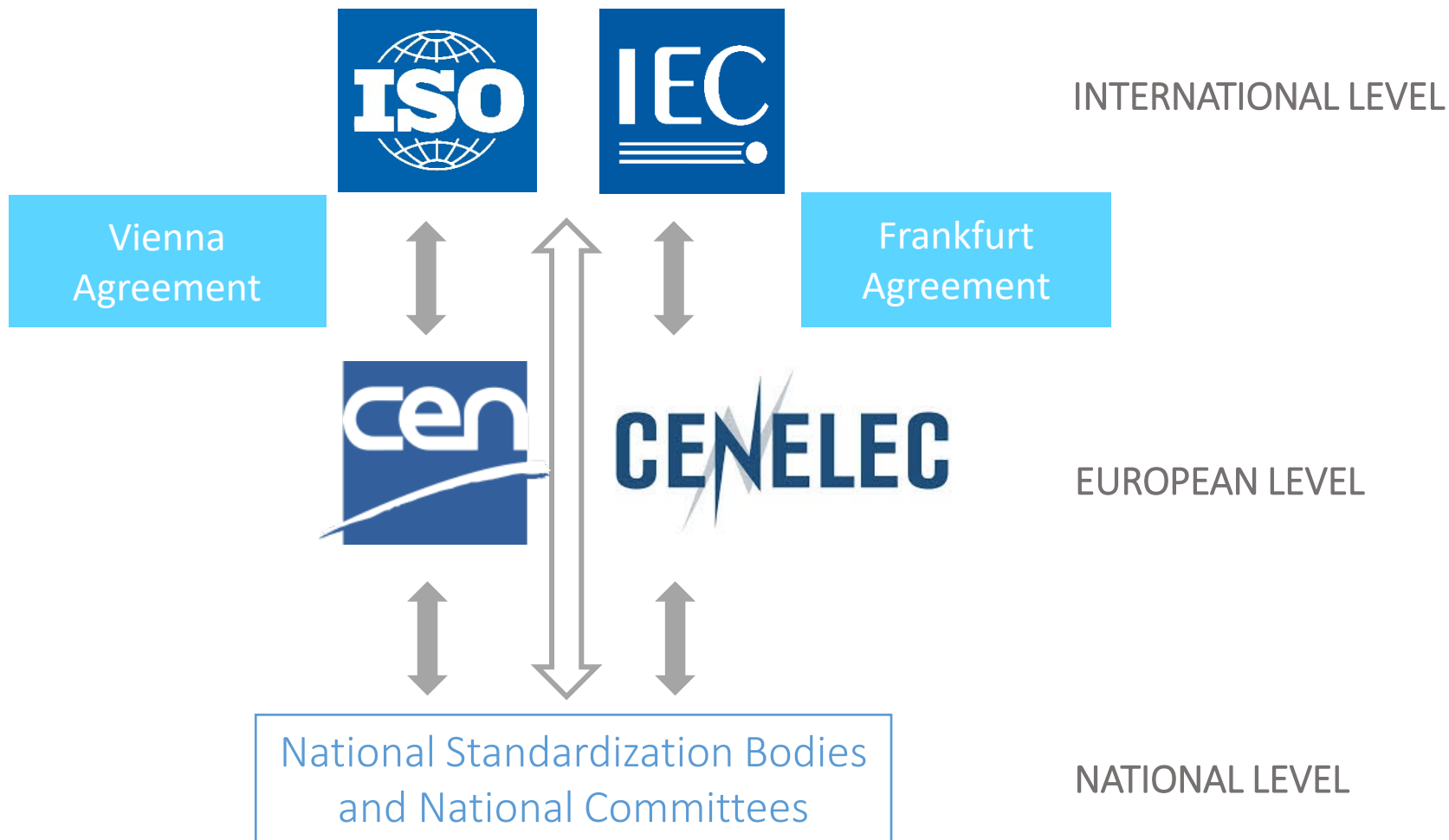
CEN & CENELEC deliverables - Comparison



EN	TS	TR	CWA
Standstill	No Standstill	No Standstill	No Standstill
Enquiry Mandatory	No Enquiry	No Enquiry	Enquiry optional, but recommended
Approval: NSBs/NCs	Approval: NSBs/NCs	Approval: NSBs/NCs	Approval: Registered Workshop participants
Weighted vote	Weighted vote	Simple majority	Consensus
Mandatory publication	Announcement	Announcement	Announcement
Developed in: Technical Body	Developed in: Technical Body	Developed in: Technical Body	Developed in: CEN and/or CENELEC Workshop

► The international dimension –
Agreements with ISO & IEC

International dimension – Vienna Agreement



► The legislative framework for Standardization –
EU Regulation (EU) 1025/2012

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

- ▲ PPE
 - ▲ Medical devices
 - ▲ Low voltage equipment
 - ▲ Machinery
 - ▲ Lifts
 - ▲ Fertilizers
- Railways
 - Postal services
 - Artificial intelligence
 - Cybersecurity
 - Toys
 - Etc.

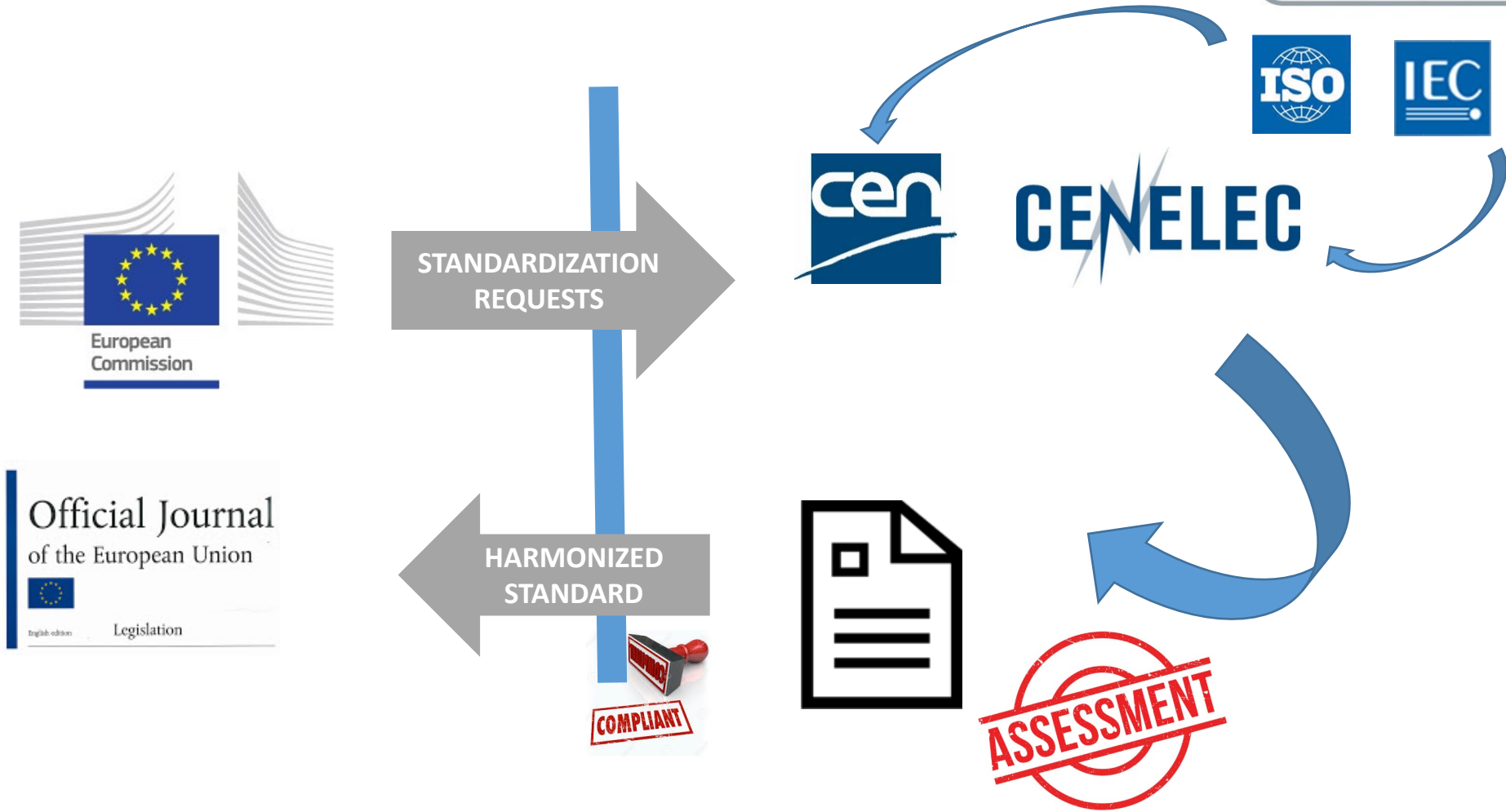
[Link to EC page on Harmonised standards](#)

- ✓ Standards are a tool to support EU policy and legislation according to the principles of the New Legislative Framework (New Approach)

- **NLF (former New Approach legislation)**
 - ▶ Define essential requirements (e.g. health and safety)
 - ▶ Indicate WHAT shall be achieved without specifying HOW
- **Reference to standards**
 - ▶ At EC's request, CEN and CENELEC develop Harmonized Standards (hENs)
 - ▶ ENs set out technical specifications to meet Directives' requirements

Help manufacturers to comply with the essential requirements!

Link with EU legislation & Standardization Requests



> 3000 harmonized Standards listed in the OJEU

- ▶ Art 3 – Transparency of Work Programme
- ▶ Art 4 – Transparency of Standards
- ▶ Art 5 – **Stakeholder participation**
- ▶ Art 6 – **SMEs**
- ▶ Art 7 – Participation of Public Authorities
- ▶ Art 8 – **Annual Union Work Programme (AUWP)**
- ▶ Art 9 – Research facilities
- ▶ Art 10 – **Standardization requests (SReq)**
- ▶ Art 11 – Formal objections
- ▶ Art 15 & 17 – Financial arrangements

Main principles



- ▶ **A valid Standardization Request** (or mandate) a precondition for citation of harmonized standards in Official Journal of the European Union (OJEU)
- ▶ **Assessment** of compliance with requirements in the SReq
- ▶ **Annex ZA in CEN and Annex ZZ (+Annex ZA) in CENELEC** obligatory for candidate harmonized standards
- ▶ Citation in the OJEU always **EC responsibility** – CEN and CENELEC offer candidate hENs to EC for citation
- ▶ The lists of hENs are **published in the OJEU** and continuously updated:
https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards_en

Citation in the Official Journal of the EU



The European Commission changed in 2019 the way to publish the references of harmonized Standards in the OJEU:

- **Before** - a consolidated list of all applicable hENs was published in the C Series of the OJEU

E.g. https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=uriserv:OJ.C_.2018.118.01.0004.01.ENG

- **After** – hENs are cited in the L series of the OJEU through a Commission Implementing Decision

E.g. <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32019D1863>

Legal act!

More: <https://eur-lex.europa.eu/content/help/faq/intro.html#help3>



Questions ?

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