

CEN – CENELEC information to Euramet 2012 General Assembly

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European Standards Organisations (ESO)



European Standardization actors

→ Electricity – Electrotechnical



European Committee
for Electrotechnical
Standardization

→ Electronic Communications



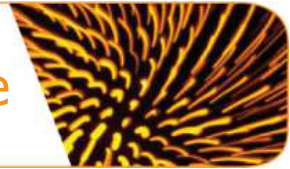
European
Telecommunications
Standards Institute

- Chemistry
- Material
- Food
- Energy
- Services
- Transport
- Metrology
- Healthcare
- Construction
- Environment
- Security & defense
- Information society
- Mechanical engineering
- Heating, cooling, ventilation

European Committee
for Standardization



CEN-CENELEC Management Centre



- CEN and CENELEC: two of the 3 European Standards Organisations
- CENELEC does electro-technical standards (global counterpart IEC), CEN the rest (ISO at global level)
- CEN and CENELEC now have 32 member countries (EU/EFTA/Croatia/Turkey)
- 23 members (national standards bodies) in common
- Common back office (CEN-CENELEC Management Centre) from 2010
- The two organisations remain separate legal entities

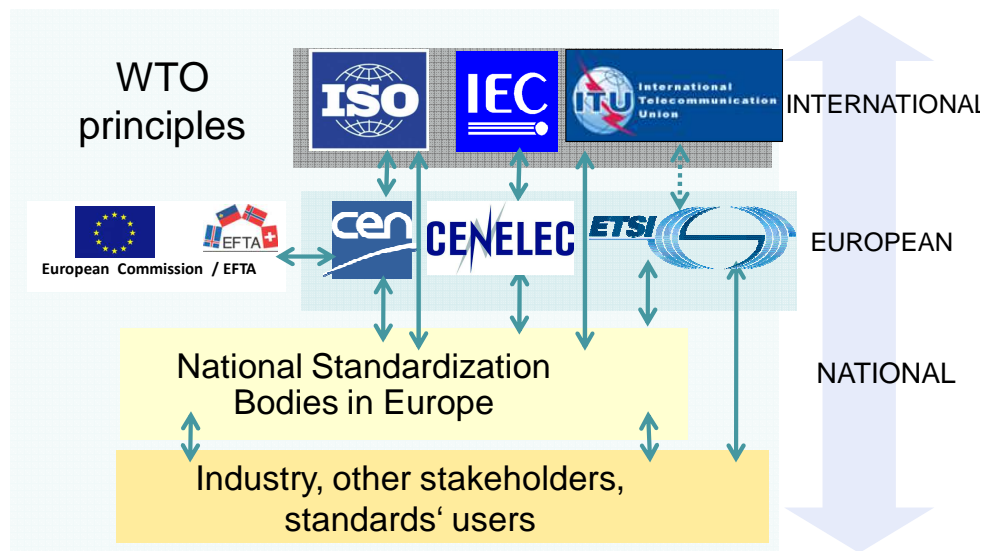


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CEN & CENELEC Members



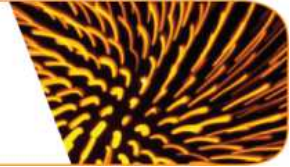
The layers of the system



Our deliverables

- European Standard (EN) – the same everywhere
- Harmonization Document (HD) – nothing in conflict (CENELEC only)
- Technical Specification (TS) – try it out and/or compete
- Technical Report (TR) – give information
- CEN-CENELEC Workshop Agreement (CWA) – agreement between parties

Why is a European Standard so valuable?



→ 1 European standard

... Replaces 32 different national standards in Europe

... Creates access to a market of some 600 million

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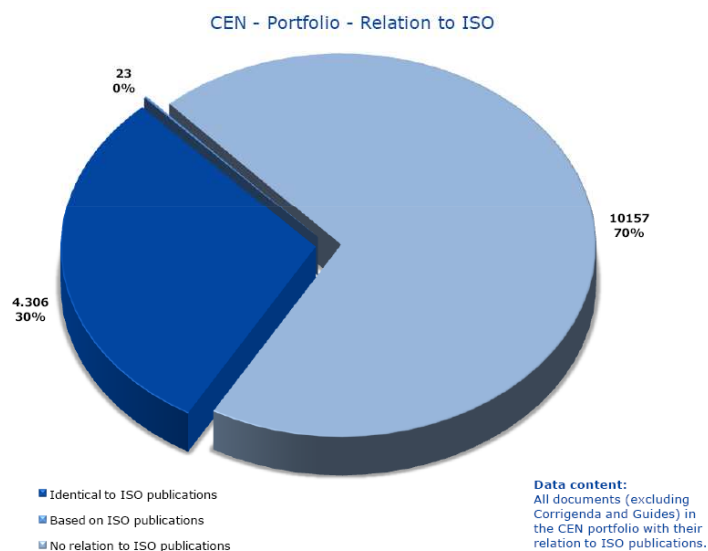
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Linking with international level: Vienna and Dresden Agreements



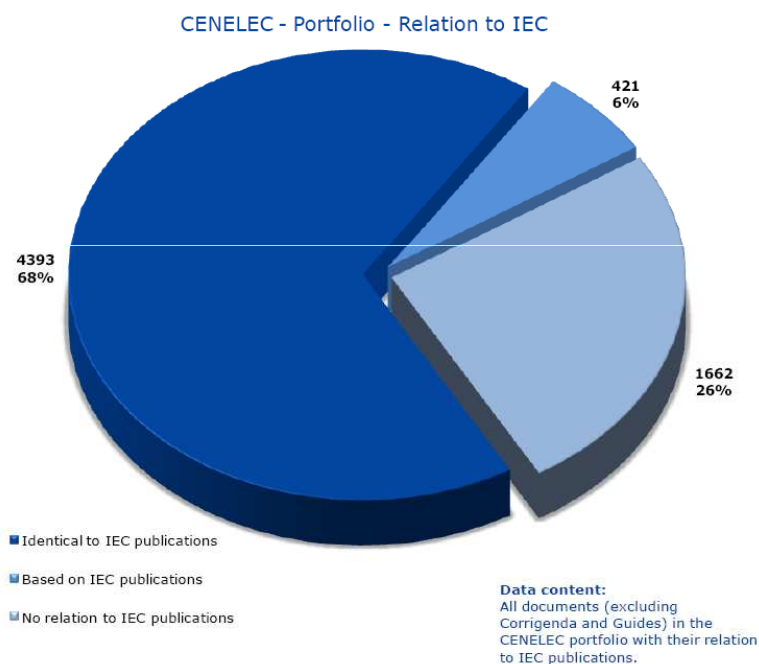
- Avoid duplication of work on standards at global and European level
- Aim at identical worldwide and European standards
- Establish agreement on repartition of work
- Apply simultaneous commenting and acceptance procedures on single drafts

Vienna Agreement: result



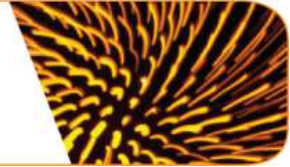
30% of the CEN standards portfolio is identical to ISO

Dresden Agreement: result



68% of the CENELEC standards portfolio is identical to IEC
6% is based on IEC

CEN, CENELEC and Euramet



Co-operation Agreement

- Signed June 2010, 5 year term, renewable
- Awareness of importance and benefits of standards in Euramet projects; awareness of importance and benefits of quality-assured measurement in standards
- CEN and CENELEC can submit metrology research needs to Euramet in EMRP context
- Euramet representatives can be invited to standardization activities in CEN and CENELEC

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Integrating standardization, innovation and research (1)



- June 2011: creation of the Research Integration Unit in the Innovation Department
- Director: Ashok Ganesh; Unit Manager: Andreea Gulacsi; 2 Programme Managers
- CEN-CENELEC position paper on Horizon 2020:
 - standardisation can contribute to the three key priorities of Horizon 2020
 - to include references to standardisation opportunities in the Horizon 2020 work programmes
 - to use standardisation to support the transfer of innovation to the market

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Integrating standardization, innovation and research (2)



- We promote, where relevant, the participation of our members in FP7 projects to support the project's standardization needs (typically in the dissemination work package)
- 13 September 2012: CCMC info session on standards for/in research projects
- Project liaison concept in CEN (see next slide); Technical Liaison partnership in CENELEC
- Additive Manufacturing area: pilot area to bring together researchers and standardizers

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Project Liaison in CEN - **RESOLUTION CEN BT 26/2009**



BT authorizes CEN/TCs to conclude 'project liaisons' with research projects, allowing a liaison representative to participate in TC and relevant WG meetings as observer, without decision power, upon condition that:

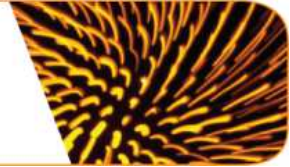
- The project in question is a *bona fide European research or similar project (EU Commission or EUREKA)*;
- The project liaison applies for the duration of the project;
- The project signs an undertaking accepting CEN's exploitation rights policy and agreeing that no information brought to the project's attention will be disseminated or exploited in any form.

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Standards Directorate



- Director Jean-Paul Vetsuypens
 - Industry, Technology and Infrastructure;
 - Unit Manager: Ingrid Soetaert
 - Smart grids, SmartHouse, smart metering, measurement, transport and packaging, constrstiction, etc
 - Sustainability and Services;
 - Unit Manager: Cinzia Missiroli
 - Nanotechnology, healthcare, environment, energy management, bio-based products, accessibility, etc
 - Technical Policy (organisation of BTs)
 - Publications

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Mandates (1)



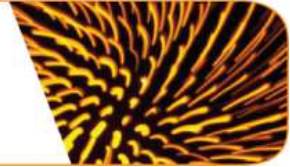
- M/490 - Standardisation mandate to the ESOs to support European Smart Grid deployment
- M/491 - Mandate addressed to the ESOs for the development of European standards and technical specifications and/or technical reports for bio-surfactants and bio-solvents in relation to bio-based product aspects
- M/492 - Mandate addressed to the ESOs for the development of European standards and other standardisation deliverables for bio-based products

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Mandates (2)



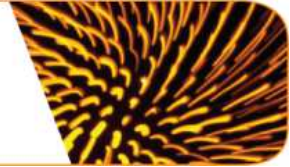
- M/493 - Standardisation Mandate to the ESOs in Support of the Location Enhanced Emergency Call Service
- M/494 - Mandate addressed to the ESOs for the elaboration of a feasibility study in the field of the Batteries Directive 2006/66/EC
- M/495 - Standardisation mandate to the ESOs under Directive 2009/125/EC relating to harmonised standards in the field of Ecodesign

Mandates (3)



- M/496 - Mandate addressed to the ESOs to develop standardisation regarding space industry (Phase 3 of the process)
- M/497 - Standardisation mandate to the ESOs on the safety of child-care articles. Cluster 2 - Risks in the sleeping environment
- M/498 - Mandate to the ESOs in the field of pumps

Mandates (4)



- M/499 - Mandate to the ESOs in the field of the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS recast Directive 2011/65/EU)
- M/500 - Mandate to the ESOs for standardisation in the field of fans driven by motors with an electric input power between 125 W and 500 kW

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Thank you

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