The role of CEN-CENELEC in promoting EU common market

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CEN and CENELEC
Standards Development

200 000
Experts

497
Technical
Committees

1 903
Working
Groups

23 696
Standards
(> 4 300 HS)

475
CWAs

597
Technical
Specifications

557
Technical
Reports
## CEN & CENELEC Standardization: Sectors and Topics

### CEN
- Bio-based products
- Chemicals
- Construction
- Food
- Heating, Ventilation and Air Conditioning (HVAC)
- Materials
- Nanotechnologies
- Pressure equipment
- Services

### CEN & CENELEC
- Air and Space
- Consumer products
- Electric Vehicles
- Energy and utilities
- Health and safety
- Healthcare
- ICT
- Machinery safety
- Measurement
- Medical equipment
- Railways
- Security and Defence
- Smart Grids / Smart Meters
- Transport and Packaging

### CENELEC
- Electrical engineering
- Electromagnetic Compatibility (EMC)
- Fibre-optic communications
- Fuel Cells
- Household Electrical Appliances
- Solar (photovoltaic) electricity systems

### Cross-sectoral issues
- Accessibility
- Environmental Protection
- Energy-efficiency (Eco-Design)
Fundamentals – CEN and CENELEC standards are ...

- Based on the **national delegation principle**
- Representing a **consensus** among all interested parties, including **industry & SMEs** and **societal stakeholders**
- **Voluntary**
- Developed by **independent organizations** clearly distinct from authorities
The European standardization model

No standard conflicting with an EN in 34 countries

European Standard (EN)

1x

National standards (XX EN)

34x

Standards supporting free circulation of goods in the EU and beyond (600 million consumers)
European Standard gives access to world markets

- Parallel work with ISO and IEC
- Strong alignment with ISO and IEC standards
- Europe is strongly committed with ISO and IEC
- Compliance with WTO TBT agreement
- Helping European businesses
- (especially SMEs) to access third markets.
Regulatory Framework
1. CEN, CENELEC and ETSI recognized as European standardization Organizations (ESOs)

2. ISO, IEC and ITU recognized as International Standardization Organizations

3. Standards are voluntary, market driven and play an important role supporting regulations and policies

4. Standards cover products, services, processes

5. Cooperation between the European Commission, Member states’ authorities and CEN, CENELEC and ETSI: standardization requests from the EC
The EU Smart Regulation success story

The “New Approach” & NLF

Standardization request

Harmonized Standard

Presumption of conformity
Standards remain voluntary

~4,200 harmonized standards supporting EU legislation
(Some) Key assets of the European approach

- Standards as a **co-regulation tool**
- Early notification of stakeholders
- Indirect references to standards
- Strong **connection with international standardization** work
CEN and CENELEC standards support 40 different EU Regulations or Directives
Benefits for Regulators

CEN-CENELEC Guide 30 - European Guide on Standards and Regulation - Better regulation through the use of voluntary standards - Guidance for policy makers

What’s in it for regulators?
• Consensus based standards ensure stakeholder engagement
• Simplification - alleviates the admin burden when developing and revising legislations
• Cheaper as costs lie on industry’s expertise
• Innovation friendly
• Market acceptance
• Complying with WTO/TBT rules
Joint Initiative on Standardisation
Standardization Faces the Same Challenges as Society

- Economic changes
- Demographic changes
- Limited natural resources & Climate change
- Fast technological developments, increased expectations of consumers
- Cross-cutting debates & blurred limits between traditional areas of work
Emergence of New Topics
European Standards need to evolve...

To fulfil the evolving expectations of society
Joint Initiative on Standardisation

Reinvigorating the public-private partnership
European Commission’s initiative, signed on 13 June 2016:

- Common vision on European standardization
- Voluntary
- Participation of all interested stakeholders (public-private)
- Reconciles both bottom-up and top-down needs and expectations
- 15 actions to be implemented by 2019 under 3 clusters
3 PRIORITY AREAS

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Coordination, Cooperation, Transparency, Inclusiveness

Competitiveness and International dimension
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