European Standardization Organizations

Thematic Session on regulatory cooperation between Members (MSMEs)

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CEN and CENELEC

- Who we are
- What we do
A coherent standardization system
CEN and CENELEC National Members

43 National Standardization Organizations from 34 countries
European Standardization System

European Standard (EN) = 34x identical

Standards supporting free circulation of goods in the EU and beyond (600 million consumers)
European Standards - aligned with international standards

CEN: 34% identical to ISO

CENELEC: 73% identical IEC standards
A system...a network... a platform...

People

200,000 Experts
450 Technical Committees
1,800 Working Groups

Paper

22,000 Standards (nearly 5,000 HS)
600 Technical Specifications
550 Technical Reports
480 CWAs

Was 160,000

Statistical pack on www.cencenelec.eu
Engage stakeholders

Industry Advisory Forum (IAF)

Research & Innovation (BT/WG STAIR)

ANNEX III ORGANIZATIONS

- ANEC
  - Consumers
- ECOS
  - Environment
- Workers
- Small & Medium Enterprises (SMEs)
What’s new?
Life used to be simple.....
...a bit more complex.....
Industry – Standards ‘love in’ ...
Standardization Bodies Supporting Digital Transformation

Home/Building
- ULE
- Z-Wave Alliance
- UPnP
- CENELEC
- KNX

Manufacturing/Industry Automation
- IEC
- CENELEC
- CAR 2 CAR
- CIPA
- ISO
- IIC
- Open Connectivity Foundation
- Open Connectivity

Vehicular/Transportation
- SAE
- CENELEC
- CAR 2 CAR
- IEC
- Open Automotive Alliance
- AOES

Healthcare
- IHE
- CENELEC
- OpenHit

Energy
- OASIS
- IEC
- OpenConnect

Cities
- Open Sesame
- CENELEC

Wearables
- Bluetooth
- IEC
- ZigBee
- Alliance

Farming/Agrifood
- Bluernet
- IEC
- ZigBee
- Alliance

Horizontal/Telecommunication
- OSGi
- HyperCat
- Wi-Fi
- IEEE

Source: AIOTI WG3 (IoT Standardisation) – Release 2.6
....information overload
...the next revolution
Awareness of standards
...awareness of standards
Standards...one part of the picture
Challenges for Standardization

**Ever shorter** time to market and faster innovation

**Digital transformation** of industry

Growth of private R&D, *outstripping* public-funded R&D,

A **young generation** of researchers and innovators in **start-ups**

Companies increasingly going **direct to market**

**Competing priorities:** go green – digitize – innovate to compete
Rising to the challenge
Strategy 2030

Our customers benefit from state-of-the-art digital solutions

Increased use and awareness of our standards products

To be the preferred choice for standardization in Europe
UN SDGs

5000 ENs mapped to 17 SDGs
Innovation Ambition

- Engage researchers and innovators

- Innovation-ready deliverables (Fast-Track)

- Expand our network
Standardizing emerging technologies

- CEN-CLC/JTC 19 Blockchain and Distributed Ledger Technologies
- CEN-CLC/JTC 20 Hyperloop systems
- CEN-CLC/JTC 21 Artificial Intelligence
- CEN-CLC Focus Group Quantum Technologies
- CEN-CLC Focus Group Organ on Chip
Representation
MSMEs

- SBS – partner (2014)
- Governing bodies/strategic groups
- Technical bodies (45)
- SME-Working Group
- Guide 17 “.. writing standards taking into account MSME needs”
- SME Toolbox
- SME Contact Points throughout Europe
Thank you!