



We start at
10:00 CET

Horizontal / cross-sectoral standardization activities

10-10 webinar of 2016-09-09

#1010webinar

Horizontal / cross-sectoral standardization activities

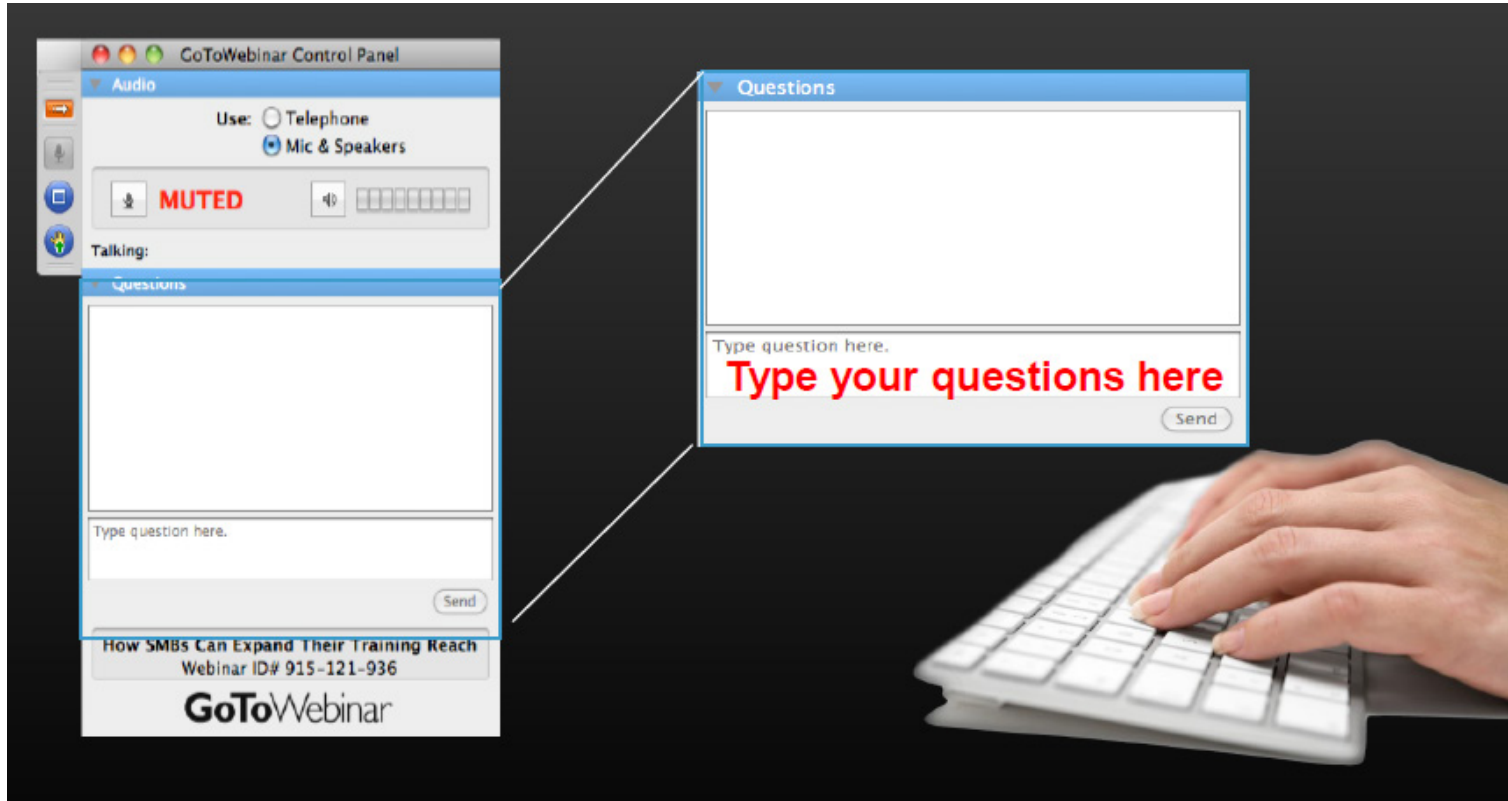


WELCOME !

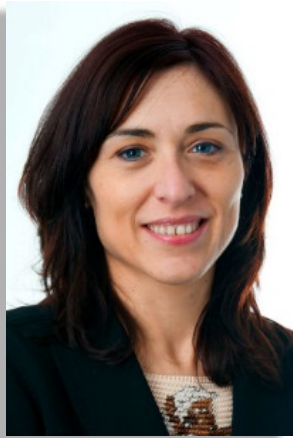
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Horizontal / cross-sectoral standardization activities



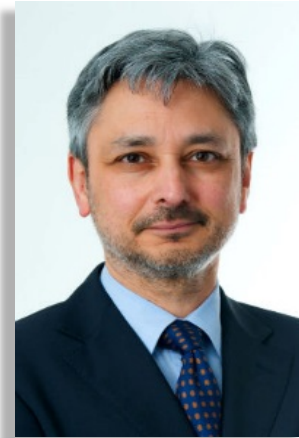
Horizontal / cross-sectoral standardization activities



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Horizontal / cross-sectoral standardization activities



Webinar content

- Global evolution and drivers for change
- Impact on European standardization
- Opportunities & challenges
- Tackling horizontal issues
- What's next?
- Key learning points

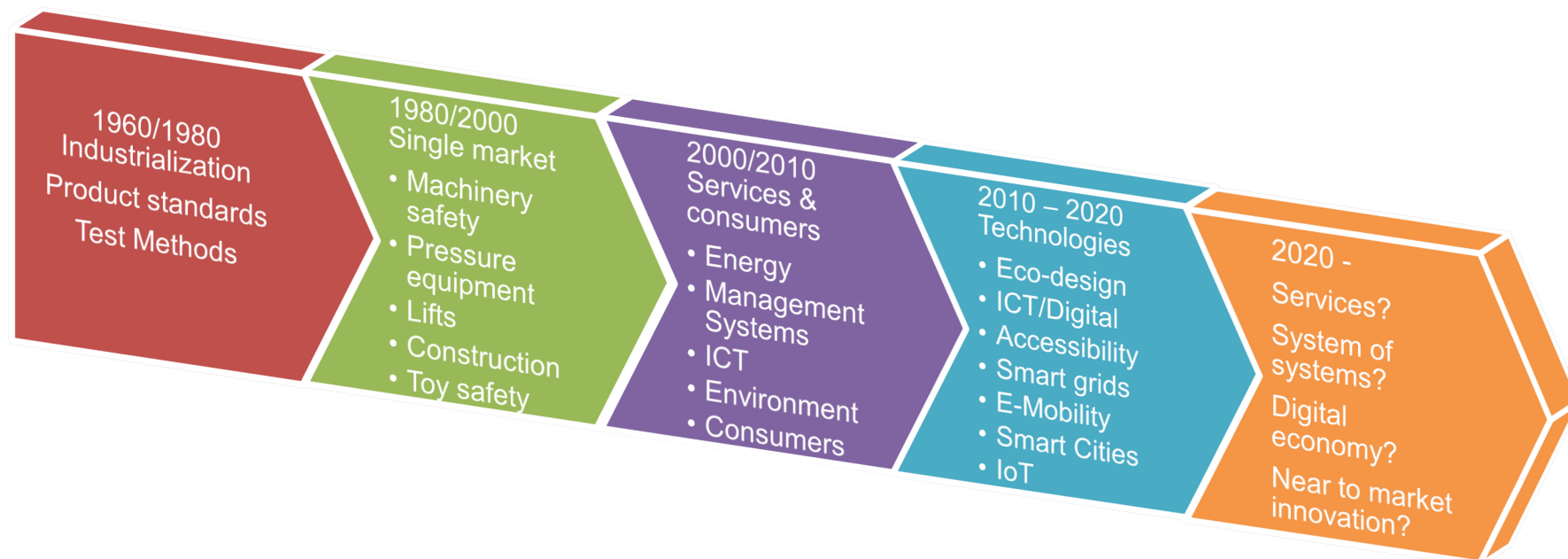
Standardization faces the same challenges as Society



- Economic pressure
- Demographic changes & ageing of population
- Rapid urbanisation
- Limited natural resources & climate change
- Fast technological development and digitalization

Cross-cutting issues & blurred lines between traditional areas of work

European Standards - Evolution



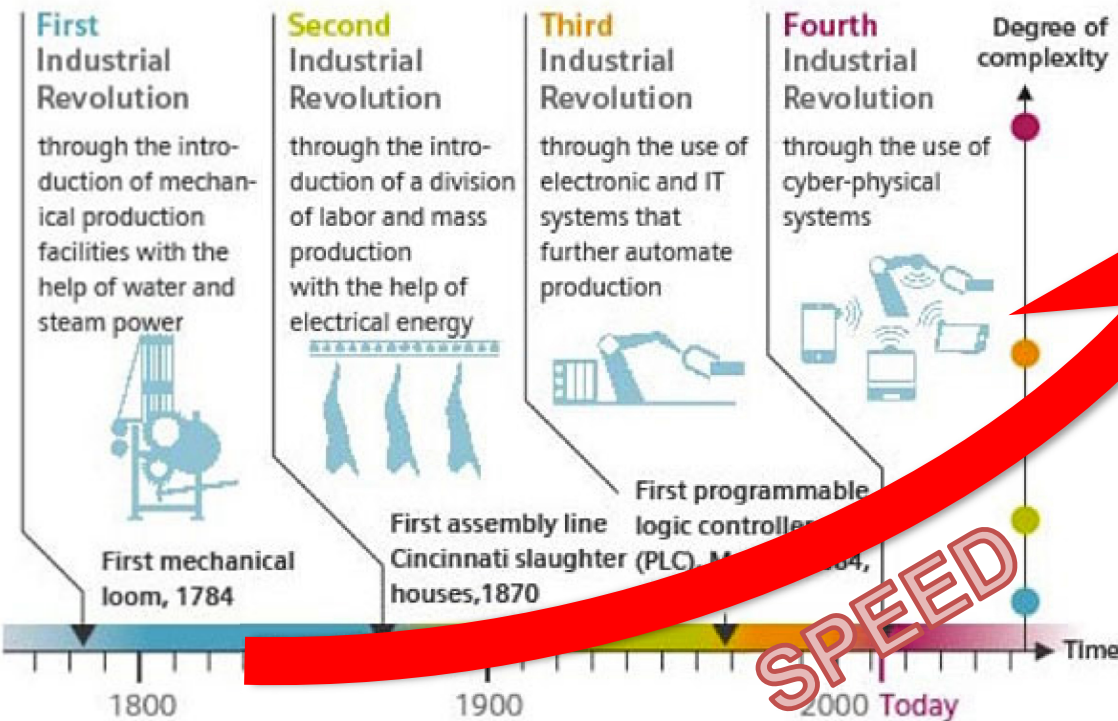
...meeting stakeholder needs

A fast evolving world



Technical evolution

Societal evolution



Opportunities & needs



Ever widening spectrum: research & innovation outputs, societal needs, sustainability initiatives and systems thinking

New clusters: **smart-** (cities, grids, meters), **eco-** (innovation, labelling), **e-** (services, business, government) as well as **services** and **systems**

Application of standards: **1°** (technical and product specifications), **2°** (management systems and processes) and **3°** generation (values, principles and behaviours) needs



Wider range of stakeholders' involvement



- Industry
- SMEs
- Consumers
- Environmental organisations
- Workers
- Service providers
- Designers
- Local authorities
- Researchers
- Citizens
- ...

New ways of working



More **cooperation** and **coordination**
between a variety of stakeholders

Vertical / horizontal.....



Key examples of horizontal issues



Climate

- Adaptation to Climate Change - CEN-CENELEC Coordination Group (ACC-CG)

Accessibility

- Design for All' - CEN-CENELEC JWG 5
- Accessibility in built environment - CEN-CENELEC JWG 6
- eAccessibility - CEN-CENELEC-ETSI JWG

Services

- Strategic Advisory Group on Services (SAGS)

Vertical & horizontal sectors



Tackling horizontal issues



No - one solution - fits all

- Coordination Groups (CGs)
- Joint Working Groups (JWGs)
- Joint Technical Committees (TCs)
- Advisory Groups

Coordination Groups (CGs)



- **Smart Energy Grids** Coordination Group - CEN-CENELEC-ETSI (SEG-CG)
- **Smart Meters** Coordination Group -CEN-CENELEC-ETSI (SM-CG)
- **Smart and Sustainable Cities and Communities** Coordination Group -CEN-CENELEC-ETSI (SSCC-CG)
- **Ecodesign** Coordination Group -CEN-CENELEC (Eco-CG)
- **Adaptation to Climate Change-** Coordination Group CEN-CENELEC (ACC-CG)
- **eMobility** Coordination Group - CEN-CENELEC (eM-CG)

Joint Working Groups (JWGs)



- **Energy Audits** (CEN/CENELEC JWG 1)
- **Energy management and services** - General requirement and qualification procedures (CEN/CENELEC JWG 3)
- **Energy measurement plan for organizations** (CEN/CENELEC JWG 9)
- **Energy related products** - Material Efficiency Aspects for Ecodesign (CEN/CENELEC JWG 10)
- **Energy efficiency and saving calculation** (CEN/CENELEC JWG 4)
- **Fuel cell gas appliances** (CEN/CENELEC JWG FCGA)
- **Active Implantable Medical Devices** (CEN/CENELEC JWG AIMD)
- **Design for All** (CEN/CENELEC JWG 5)
- **Accessibility in built environment** (CEN/CENELEC JWG 6)
- **eAccessibility** (CEN-CENELEC-ETSI JWG)
- **PPE against electrostatic risks** (CEN/CENELEC JWG 7)
- **Privacy management in products and services** (CEN/CENELEC JWG 8)

Joint Technical Committees (TCs)



- **Criteria for conformity assessment bodies** (CEN/CENELEC TC 1)
- **Power Engineering** (CEN/CENELEC TC 2)
- **Quality management and corresponding general aspects for medical devices** (CEN/CENELEC TC 3)
- **Services for fire safety and security systems** (CEN/CENELEC TC 4)
- **Space** (CEN/CENELEC TC 5)
- **Hydrogen** (CEN/CENELEC TC 6)

Advisory Groups



- **Services** - Strategic Advisory Group (SAGS)
- **Accessibility** - Strategic Advisory Group (SAGA)
- **Occupational Health and Safety** - Strategic Advisory Board (OH&S)
- **Healthcare Standards** - Advisory Board (ABHS)
- **Environment** - Strategic Advisory Body on Environment (SABE)

Sources of information: websites & newsletter

CEN website – <http://www.cen.eu>

CENELEC website – <http://www.cenelec.eu>

1common website:

CEN-CENELEC website – <http://www.cencenelec.eu>



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Director General's Foreword



The weeks leading-up to our Annual Meeting are always a busy time for CEN and CENELEC. This year has been no exception, with major developments taking place. Nevertheless, I look forward to seeing all of our members and many partners on 7 and 8 June in Skopje where the General Assemblies of CEN and CENELEC will be hosted by ISRM - the National Standardization Body of the former Yugoslav Republic of Macedonia.

More information ...



- Members [national CEN standardization organizations](#) or [national CENELEC standardization organizations](#)
- CCMC - Programme Managers www.cencenelec.eu (CEN-CENELEC sectors)

Accessibility

Accessibility prevents or removes barriers to the use of mainstream products and services. It allows the perception, operation and understanding of those products and services by persons with functional limitations, including people with disabilities, on an equal basis with others.

The European Standardization Organizations address accessibility following 'Design for All' approach in the development and revision of standards.

What's the role of standardization?

Providers of products and services across Europe face two essential challenges:

- > ensuring adequate accessibility provisions;
- > overcoming accessibility barriers for persons with special needs such as persons with disabilities and older people

Standards are powerful tools to integrate and strengthen accessibility aspects providing a framework, requirements and specifications for accessible products and services.

CEN and CENELEC contact person: [Monica Ibido](#)

Do not forget ...



- [CEN Guide 4](#) Guide for addressing environmental issues in product standards (2008)
- [CEN-CENELEC Guide 14](#) Child Safety Guidance for its Inclusion in Standards (2009)
- [CEN Guide 14](#) Common policy guidance for addressing standardization on qualification of professions and personnel (2010)
- [CEN Guide 15](#) Guidance document for the development of service standards (2012)
- [CEN Guide 414](#) Safety of machinery - Rules for the drafting and presentation of safety standards (2014)
- [CENELEC Guide 32](#) Guidelines for Safety Related Risk Assessment and Risk Reduction for Low Voltage Equipment (2014)

Do not forget ...



- [CEN-CENELEC Guide 2](#) Consumer interests and the preparation of European Standards (2001)
- [CEN-CENELEC Guide 6](#) Guide for addressing accessibility in standards (2014)
- [CEN-CENELEC Guide 11](#) Product information relevant to consumers Guidelines for standard developers (2012)
- [CEN-CENELEC Guide 17](#) Guidance for writing standards taking into account micro, small and medium-sized enterprises (SMEs) needs (2010)
- [CEN-CENELEC Guide 32](#) Guide for addressing climate change adaptation in standards (2016)
- [CEN-CENELEC Guide 33](#) Guide for addressing environmental issues in testing standards (2016)

Other horizontal platforms and tools



Platforms

- The Working Group STAIR (STANDARDization, Innovation and Research)
- Education about standardization (JWG EaS)



Tools

- The online [SMEs Toolbox](#) of Solutions
- [SME e-Learning tool](#)
- [The Societal Stakeholders' Toolbox](#)



Food for thought: what's next?



- The 'Service' economy & 'Servitisation'
- The 'Sharing' economy
- The 'Silver' economy
- Digitalization & eSkills
- Industry 4.0/ Smart Manufacturing
- Big data
- 'Blockchain' technology
-

Key learning points

1. Standardization is evolving following the evolution of society and technologies
2. More and more horizontal/cross-sectoral standardization activities
3. New horizontal structures and tools
4. Further information is available
5. More evolution coming....



THANK YOU !



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Next 10-10 webinar



10 October 2016

**Role of New Approach Consultants –
Including self-assessment**