The role of Standards in Regional Integration – the case of Europe

David BELL, Director of Standards Policy, BSI

African Day of Standardisation
Addis Ababa, Ethiopia, 12 August 2015
Presentation contents

- About CEN and CENELEC
- How the European Standardization System underpins the EU Single Market and regional integration
- Challenges and perspectives perceived and addressed in Europe
About CEN and CENELEC
2 organizations
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
Facts & figures

- 19,299 European Standards
- 2,089 CEN Technical Bodies
- 389 CLC Technical Bodies
- 80 CLC Technical Committees
- 568 Technical Specifications
- 511 Technical Reports
- 60,000 Experts
- 419 CEN Technical Committees
- 24 CEN/CLC Technical Committees
CEN and CENELEC priorities

Based on market needs

Bridging the gap with Regulators’ expectations
CEN and CENELEC activities

Accessibility
Design for All

Chemical
Bio-based products

Food and Feed
Test Methods

Construction
Structural Eurocodes
Energy performance of buildings
Building Information Modelling

Machinery
Agricultural machinery

Consumer Products
Safety of children
Stationary training equipment
Safety of household and similar electrical appliances

Electrotechnology
Electric Cables

Air and Space
Global Navigation Satellite System
CEN and CENELEC activities

Energy
- Ecodesign and Energy Labelling
- Alternative Fuels Infrastructure
- Gas Quality

Healthcare
- Transport of incubators

Materials
- Nanotechnologies and nanomaterials

Measuring Instruments
- Gas meters

Pressure Equipment
- Promoting European Standards

Research and Innovation
- ‘Bridge the Gap’
- ‘STAIR-EMPIR’

ICT
- Electronic invoicing
- eSkills and eLearning

Transport and Packaging
- Intelligent Transport Systems
- Railways
CEN and CENELEC activities

- Services
  - Horizontal Service Standards
  - Healthcare Services
  - Security Services

- Environment
  - Adaptation to Climate Change
  - Waste
  - Air Quality

- Defence and Security
  - Cybersecurity
  - Security of the citizen

- Health and Safety
  - Personal Protective Equipment

- Smart Living
  - Smart and Sustainable Cities and Communities

- Related Activities
  - International Cooperation
  - Supporting SME participation
  - Including societal stakeholders
  - Education about standardization
The European Standardization System underpins the EU Single Market and regional integration
Section overview

- Historical perspective:
  Stages of the European regional integration process
- The standardizers’ input:
  A robust single standard model
- The regulator’s input:
  A sound and coherent regulatory framework

⇒ A unique example of fully integrated market at regional level
60 years of integration efforts

- 1951: Preferential Trade Agreement
- 1957: Free Trade Area
- 1968: Customs Union
- 1992: Single Market
- 1999: Economic and Monetary Union

© CEN-CENELEC 2015 - 14
The European standardization model

No standard conflicting with an EN in 33 countries

European Standard (EN) = 33x National standards (XX EN)
EU Quality Infrastructure - Key legal acts

- **TFEU** – Overarching infrastructure and general principles
- **Council Resolution of 7 May 1985** – New Approach
- **Decision No. 768/2008/EC** - Framework for the marketing of products
- **Regulation (EU) No. 1025/2012** – Standardization
- **Directive 2001/95/EC** - General Product Safety (for non-harmonized areas)
Legislation & standards, working together *EU Regulation 1025/2012*

4300+ harmonized standards supporting EU legislation
The result

1 European Standard

=>

Access to a market of ~600 Million consumers
Challenges and perspectives for standardization
Standards need to evolve...

To fulfil the evolving expectations of society
Emergence of new topics
Involvement of new stakeholders
More cooperation and coordination between a variety of stakeholders at all levels (local, national, regional and international)
An evolution of the global trade landscape

- Progressive elimination of traditional barriers to trade
- Higher interdependence among national & regional economies

=> An increasing role for standards as trade enablers, creating a level-playing field
Thank you!