



The View of CEN on RFID Standardization

GRIFS Forum Meetings
Beijing, 17 November 2009
Seoul, 19 November 2009



CONTENT

European Standardization Context

CEN Role in GRIFS

EU Mandate on RFID

→ CEN TC 225 and Workshop DPP

→ Interoperability with international

standards



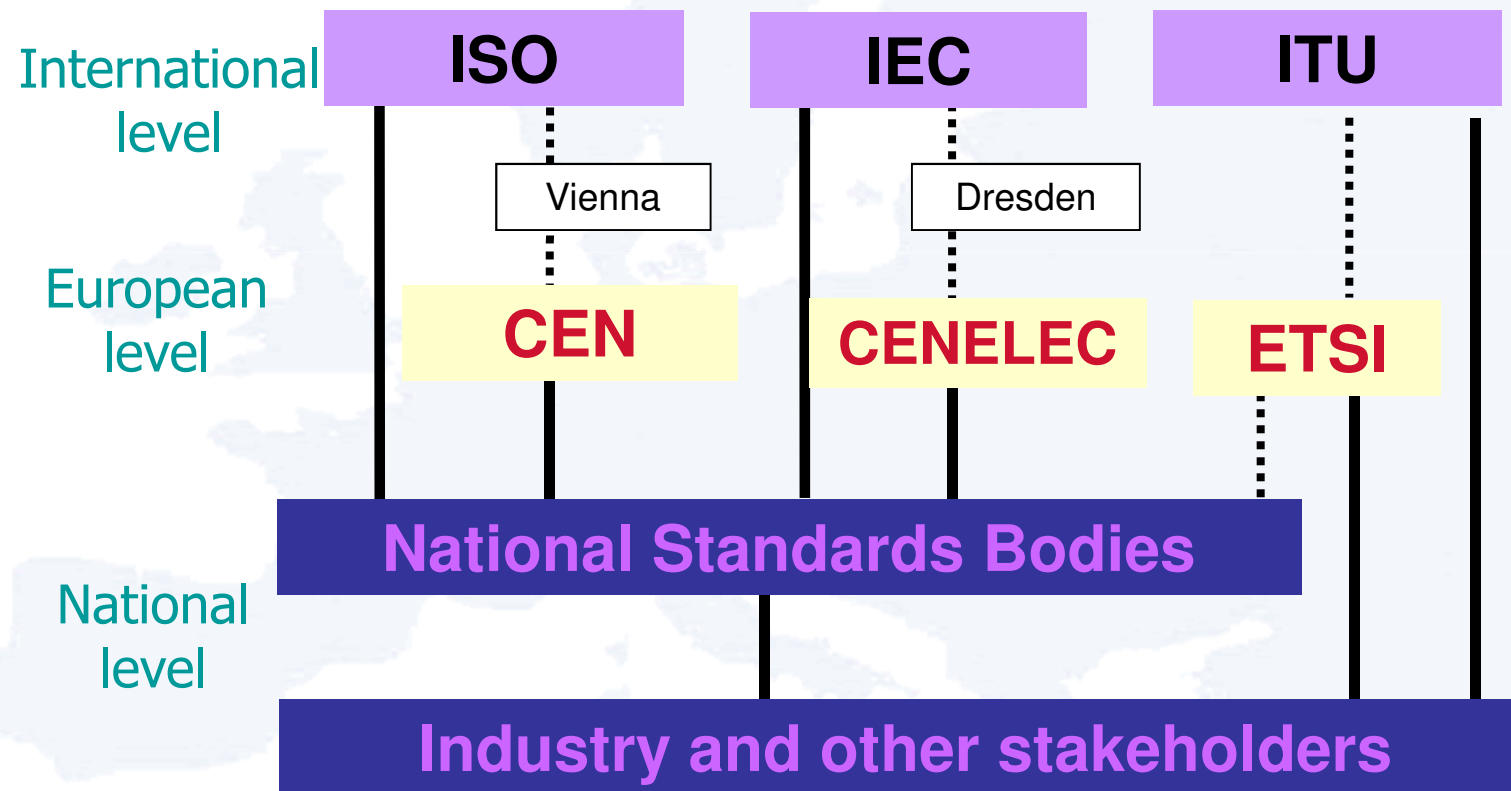
European Standardization Organizations

- **CEN**
European Committee for Standardization
 - Covers a lot of sectors

- **CENELEC**
European Committee for Electro-Technical Standardization
 - Covers mainly the electro-technical sector

- **ETSI**
European Telecommunications Standards Institute
 - Covers mainly telecommunication and electronic communication networks and services

Standardization: Networking on a Global Level





Sectors at CEN

- Aerospace
- Chemicals
- Construction
- Consumer Products
- Environment
- Food
- Energy
- Health and Safety
- Healthcare
- Gas
- Information Society
- Materials
- Mechanical Engineering
- Metrology
- Security and Defence
- Services
- Transport and Packaging
- Utilities and Energy

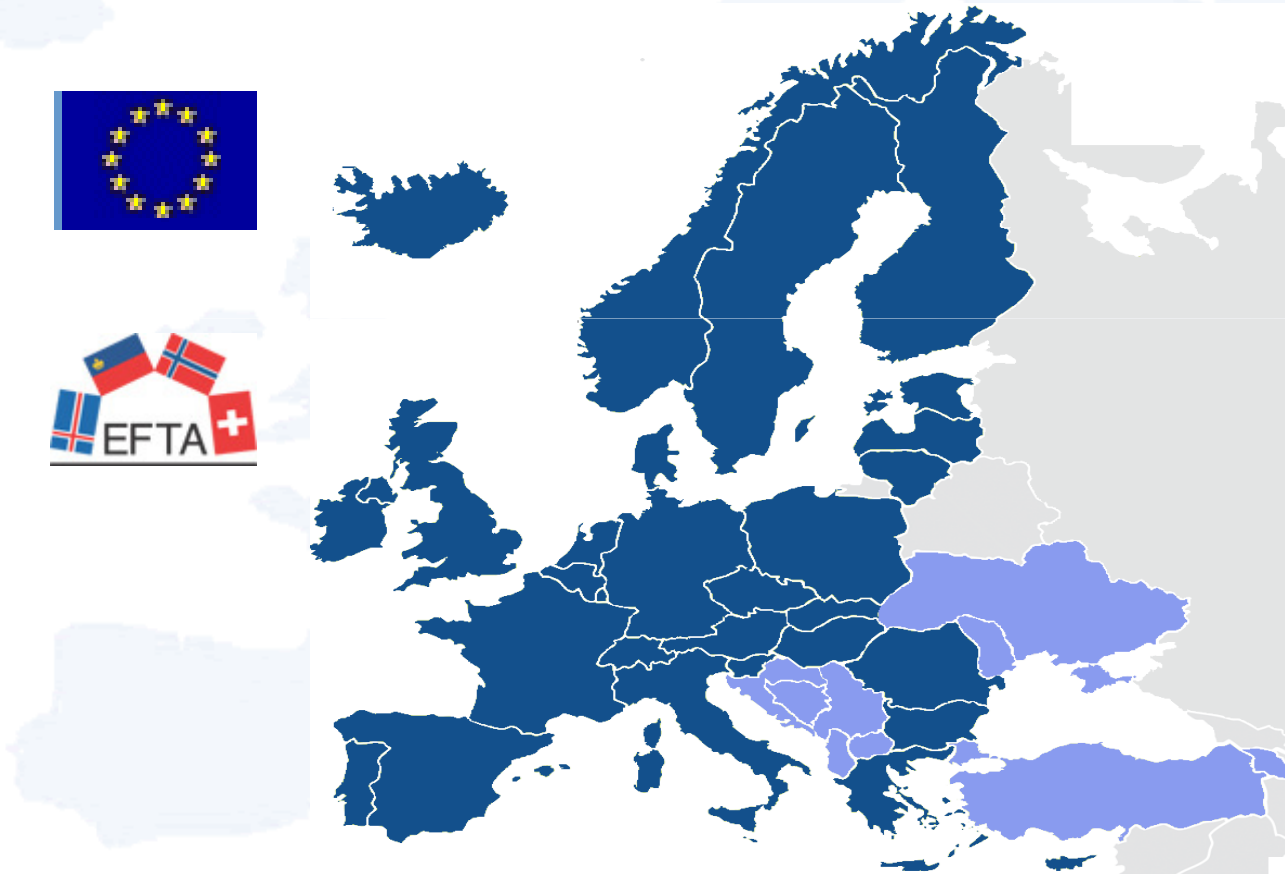


Why European Standards?

- Soft regulation on a voluntary basis
- Key for market access
 - interoperability, compatibility, functionality
- Supports authorities on technical requirements
 - policies, regulation
- Sharing of knowledge to obtain best technical solution available
 - IPR policies of relevance for process
 - Tool for benchmarking within industry
- Impartial result serving the industry needs

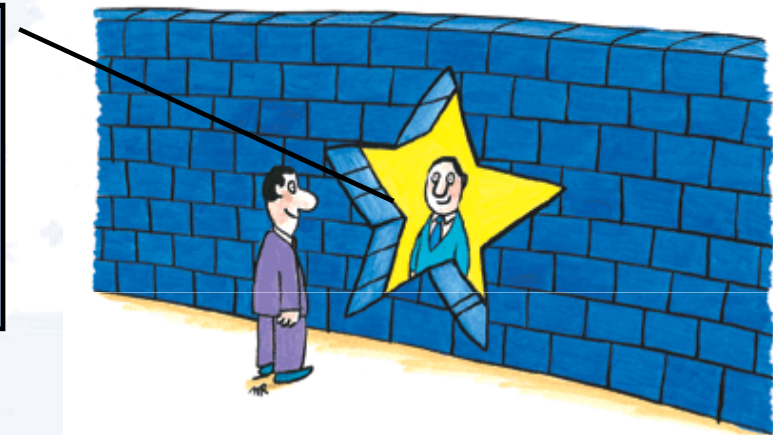


Geography of European Standardization



Market Integration in Europe

Single Market:
driving force of
European integration



500 million consumers



Why are European Standards Voluntary?

- Standard development are consensus driven – support of industry is key for the success of any new standard
- Reference to standards is the key for broad market acceptance of new regulations – if it is guaranteed that such standards are adopted via an open and transparent process with all parties concerned
- Enforcement supported by adequate market surveillance
- Flexibility for manufacturers to use different technical solutions thus enhancing innovative development; use of any standard is possible as long their compliance with legislation can be proven
- Advantages benefit regulators, industry, and other stakeholders



Europe and China are Working Together

- **CEN, CENELEC, ETSI and SAC** (Standardization Administration of China) signed a MoU in 2008
 - **SESEC** (since 2006) promote European system and values
 - Inform about development in China (as in Europe)
 - Help sector and industry
- **China – Europe Standards Information Platform (CESIP)**
 - Website: www.eu-china-standards.eu
- **Bilateral activities** between ESO members and Chinese bodies



CEN as International Partner

Vienna agreement between CEN and ISO since 1991

- To adopt International standards in Europe whenever possible
- No duplication of work
- Modes of co-operation
 - Exchange of information
 - Adoption of ISO standards as European Standards (ENs)
 - Parallel development and adoption of EN/ISO standards

More than 2'500 European standards are identical to ISO

Total number of CEN standards: 13'330



CEN in GRIFS

CEN overview report on RFID standards (2008)

- Standards database (available online) will be updated end of November 2009; final revised report to EC early December
- On-line database with RFID standard description is available on the project web site
- CEN experts:
 - Gertjan van der Akker, NEN
 - Paul Chartier, Praxis Consultant
- The final GRIFS meeting will be held at CEN premises in Brussels on 2nd December 2009

<http://www.cen.eu/cenorm/businessdomains/businessdomains/iss/activity/rfid.asp>



EC Mandate on RFID (M436)

- Issued by the European Commission to the three European Standards Organizations – accepted early 2009
- Focus on privacy issues and standards for sector specific implementation of RFID
- Two phases – one for analysis of requirements, phase two for actual standardization work – Phase 1 should start 1 December 2009 (pending EU/EFTA funding)
- Coordination group to be formed among CEN and ETSI
- In CEN, work is carried out in CEN TC 225 and Workshop Data Protection and Privacy



CEN TC 225

- In past years, CEN TC 225 basically dormant
 - SC31 absorbed early European work on bar code standards
- June 2009 new chair Mr. Barthel – GS1 was appointed and new working group on RFID created
- Meeting mid-November 2009
- TC 225 will follow international developments
- TC 225 expert participates in the EU informal group on RFID (started July 2009)



CEN Workshop: Data Protection and Privacy

- Aim is to help organizations to comply with the European Data Protection Directive (95/46/EC) and relevant national legislation
- Recent work items:
 - Privacy impact assessment methodology
 - Audit tools for managers
 - Voluntary technology dialogue framework
 - Good practices in data protection
 - Smart metering
 - RFID
- Chairman: Nick Mansfield / Secretariat AFNOR



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