

# The role of Standardization in support of harmonization

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**AENOR**

# Some history about AENOR

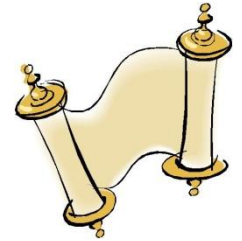
## AENOR - Spanish Association for Standardization and Certification

Private, non-profit and independent organization

Legally responsible for developing and disseminating technical standards in Spain (RD 2200/1995)

Founded in 1986. 24 technical committees and 7 800 standards during the first year

In 1987 was designated the Spanish representative in CEN, CENELEC, ETSI, ISO and IEC



## Our Mission

*Through the development of standardisation and certification (S+C) activities, it contributes to improving quality in companies, their products and services, as well as protecting the environment and, consequently....*

**The welfare of society as a whole**

# AENOR as National Standardization Body (NSB)



Multisectorial association

Spanish member of the following standarization bodies

International: ISO and IEC



Europa: CEN, CENELEC and ETSI



America: COPANT



Approximately 30 000 standards in catalogue

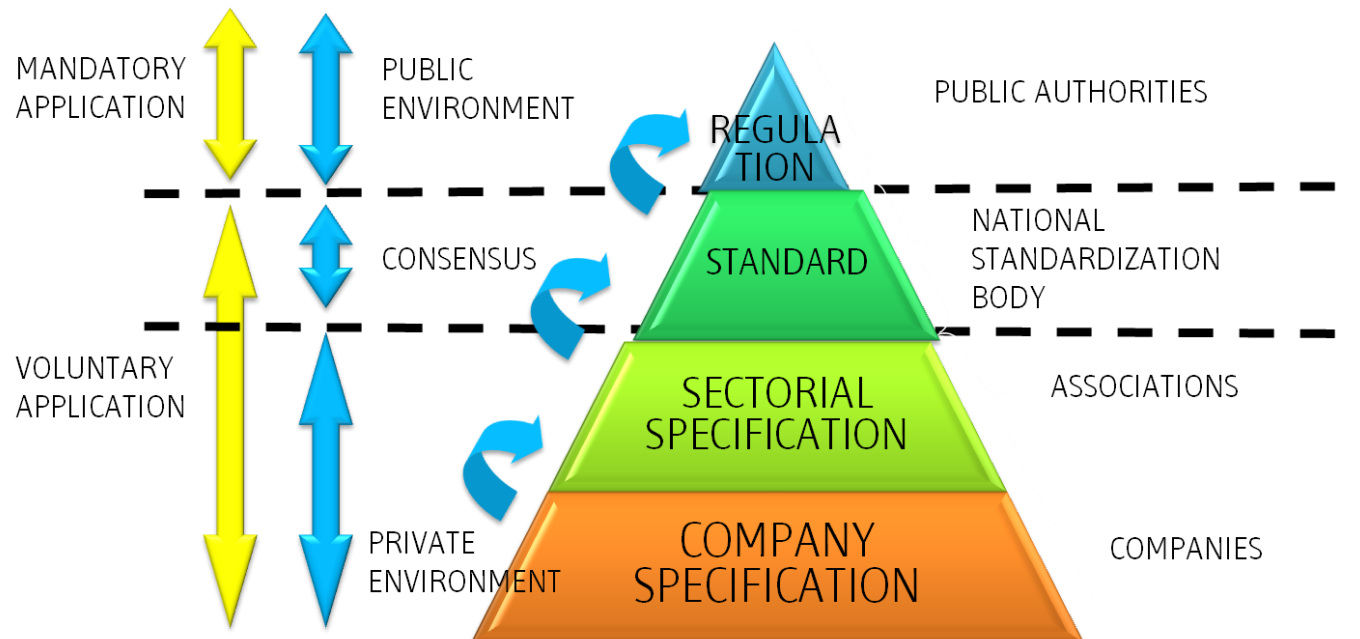
More than 200 Technical Committees

About 1 500 new standards each year

# What is a standard?

A **standard** is a technical document designed to be used as a rule, guideline or definition. It is a consensus-built, repeatable way of doing something.

Standards are created by bringing together all interested parties such as manufacturers, consumers and regulators of a particular material, product, process or service. All parties benefit from standardization through increased product safety and quality as well as lower transaction costs and prices.



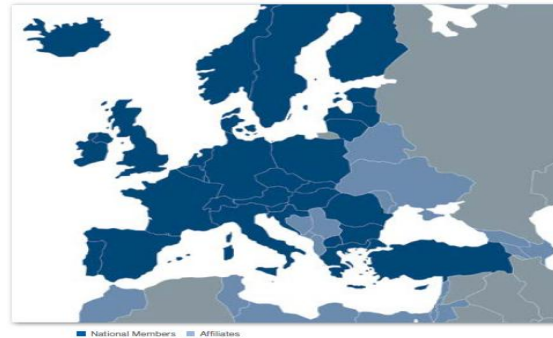
# Global standardization overview



International Organization for Standardization

112 National Members

An International Standard (ISO) is voluntarily adopted by members



European Committee for Standardization

33 National Members

A European Standard (EN) automatically becomes a national standard in all National Members

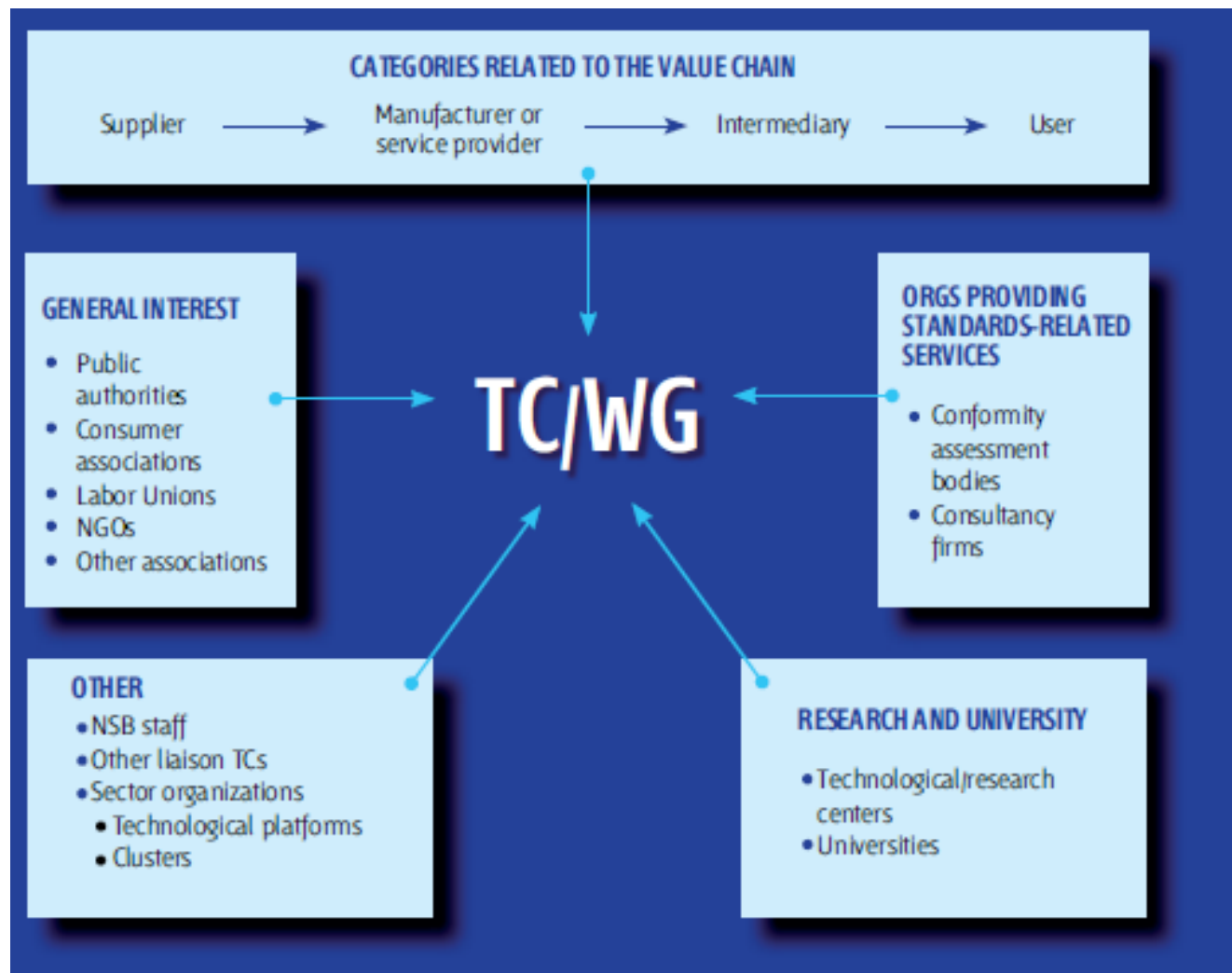
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Example of  
National  
Standardization  
Bodies

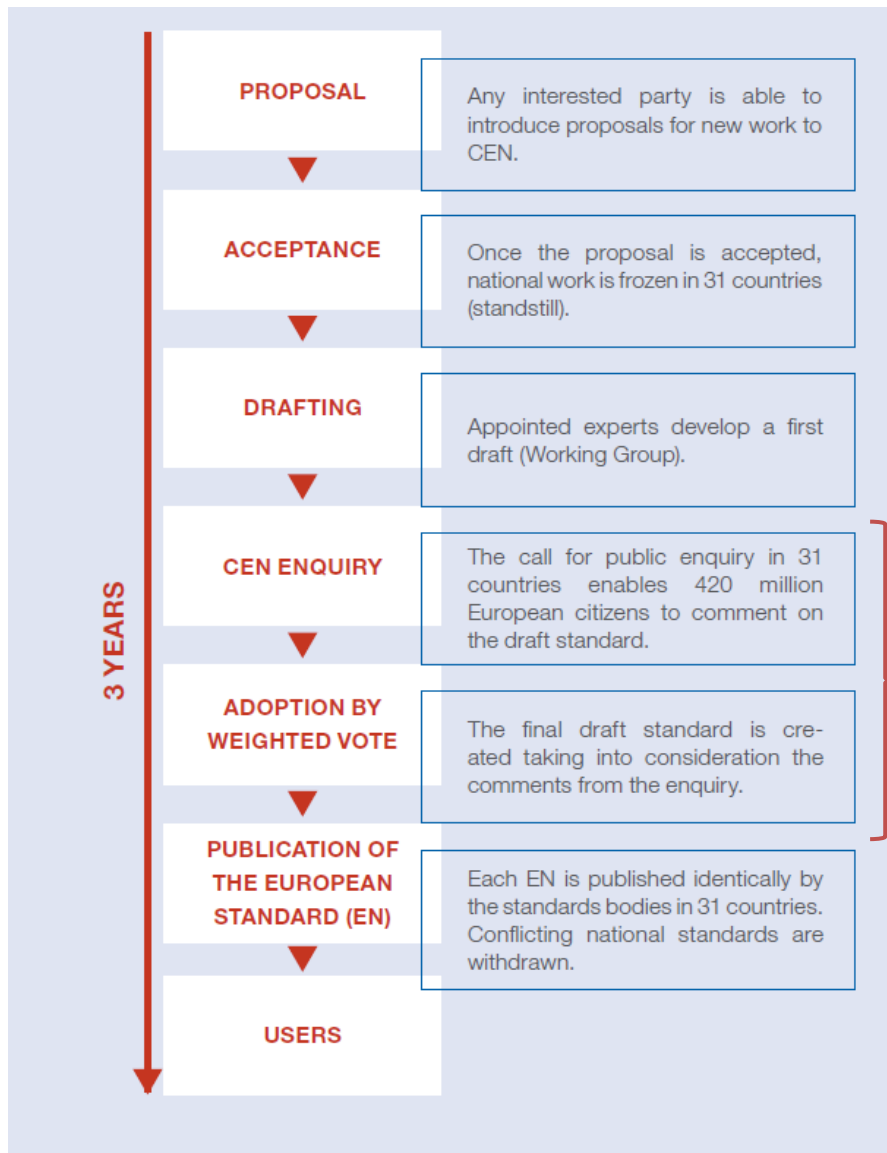
# Technical Committees – Balanced Composition

Where standards are made



# CEN Standard development process

## How standards are made

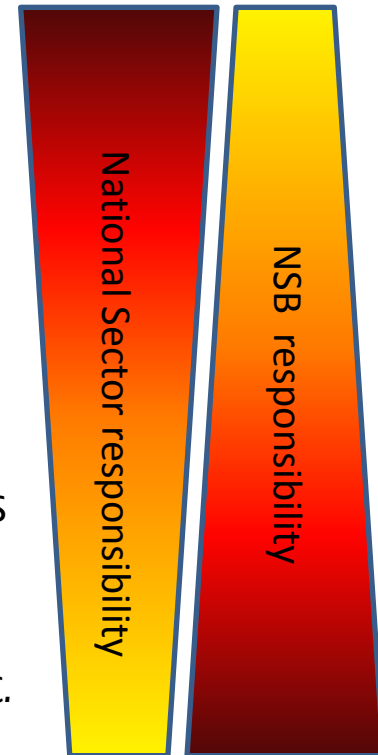


| Step (stage-code)                            | Deadline            |
|--|---------------------|
| Dispatch of Enquiry draft to CMC (30.99)     | $t_0 + 12$ months   |
| Submission to Enquiry (40.20)                | $t_0 + 14,5$ months |
| Closure of Enquiry (40.60)                   | $t_0 + 19,5$ months |
| Dispatch of Formal Vote draft to CMC (45.99) | $t_0 + 27,5$ months |
| Submission to Formal Vote (50.20)            | $t_0 + 31$ months   |
| Closure of Formal Vote (50.60)               | $t_0 + 33$ months   |
| DAV/Definitive text available (60.60)        | $t_0 + 36$ months   |

# How AENOR participates in the European Standardization ?

## 4 different levels of participation

- ❖ Through national participation – Mirror Committees
- ❖ Direct participation in TCs, SCs and WGs – Experts and delegates
- ❖ Accepting European responsibilities – Convenors, Secretariats and Chairpersons
- ❖ Participating in the governing bodies – General Assemblies, Technical Boards, etc.





# CEN Environmental Standardization

## Environmental TCs

|                   |   |
|-------------------|---|
| <b>CEN/TC 223</b> | Soil improvers and growing media  |
| <b>CEN/TC 230</b> | Water analysis  |
| <b>CEN/TC 264</b> | Air quality   |
| <b>CEN/TC 292</b> | Characterization of waste   |
| <b>CEN/TC 308</b> | Characterization of sludges   |
| <b>CEN/TC 345</b> | Characterization of soils   |
| <b>CEN/TC 351</b> | Construction Products - Assessment of release of dangerous substances               |
| <b>CEN/TC 366</b> | Materials obtained from end-of-Life Tyres (ELT)                                     |
| <b>CEN/TC 400</b> | Project Committee - Horizontal standards in the fields of sludge, biowaste and soil |
| <b>CEN/TC 406</b> | Project Committee - Mechanical Products - Ecodesign Methodology                     |

## Strategic Advisory Body on Environment

The CEN Strategic Advisory Body on Environment (SABE) acts as a **platform** where the sectors and major stakeholders address environmental topics.

<http://www.cen.eu/cen/Sectors/Sectors/Environment/SABE/Pages/default.aspx>

### ROLE:

- To provide CEN/BT with the **relevant information on environmental matters** so that it can make balanced decisions on standardisation topics affecting the environment and to make proposals on CEN **strategy on environmental issues**
- To assist CEN/BT with the **negotiation and acceptance of EC mandates** related to environmental issues and to assist Commission officers in the development of their views on standardisation
- To encourage and promote exchange of information between CEN, key stakeholders and interest groups to ensure that all relevant environmental issues and views are considered **in standards development**

# CEN Environmental Standardization

## The CEN Environmental Helpdesk (CEN/EHD)

Provides information and support to CEN Technical Committees and Working Groups when addressing environmental issues in European Standards.



### ROLE:

- Develop environmental awareness among CEN technical bodies and encourage a systematic approach to integrate environmental aspects into standards.
- Structure environmental information and provide supporting tools available for TCs.
- Provide guidance to specific environmental projects within standardization.

### **Environmental Framework** (tools and support services available to all CEN committee members)

- [Environmental training](#) including e-learning, one-day courses and tailored workshops
- [CEN Guide 4 and the Environmental Checklist](#) - The reference tool for standards writers to include environmental aspects in their standards
- [Guidance and examples by sector](#)
- [Environmental Bulletin](#)
- [Guide to EU environmental policy and directives](#)
- [Useful links](#)
- [CEN brochure - Standardization and the Environment](#)



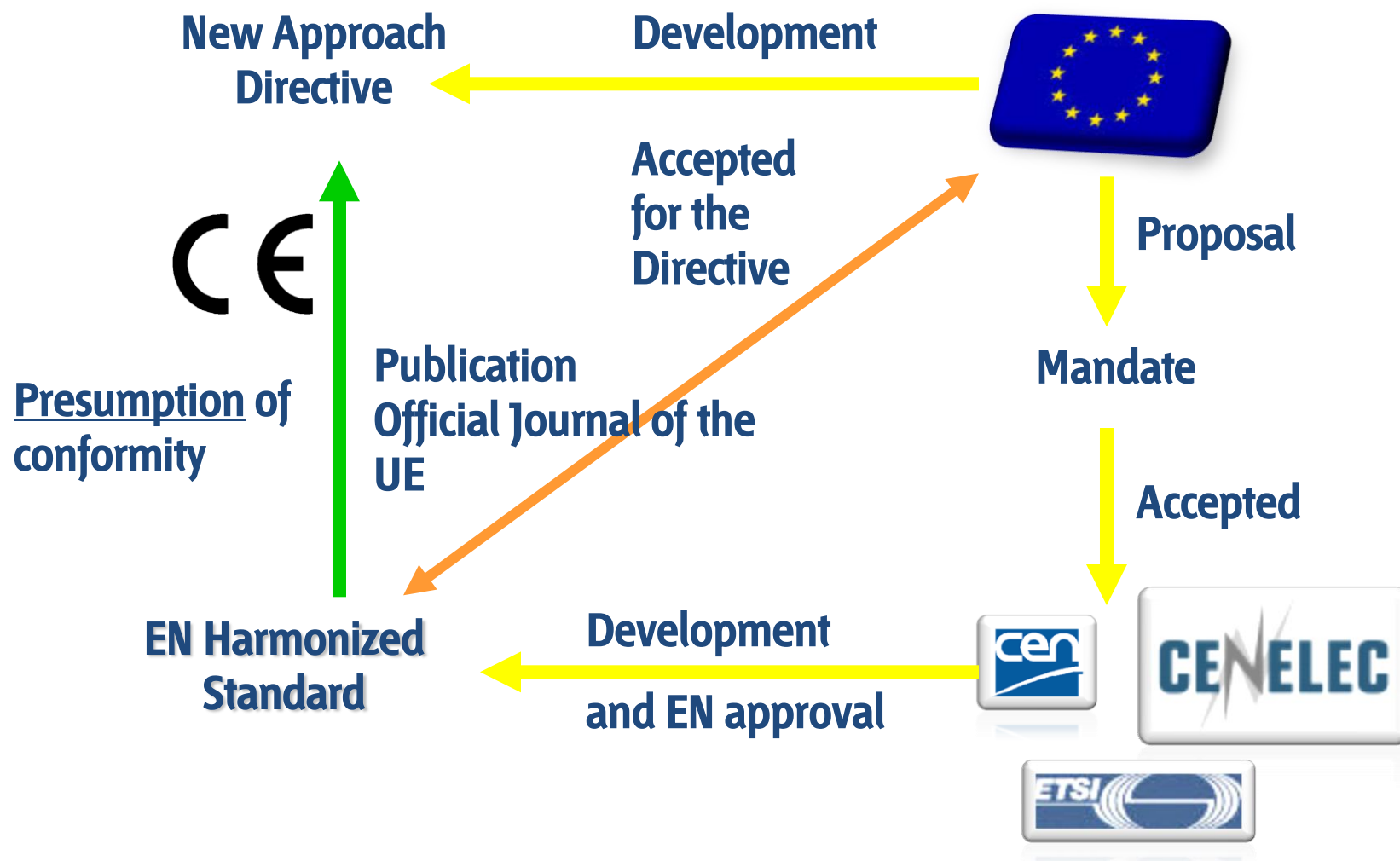
# Standardization Mandates

Ongoing standardisation work related **European Commission Mandates** for standardisation work accepted by CEN :



- **M/395** mandate to CEN for the development of standardised methods relating to the characterisation of wastes from the extractive industries
- **M/401** standardisation mandate to CEN for the creation of a European standard on volumetric flow from stationary sources in the field of air emissions
- **M/424** mandate addressed to CEN for the development or improvement of standards in support of the Water Framework Directive (2000/60/EC)
- **M/431** mandate addressed to CEN to establish a programme of standards for assessing the greenhouse gas (GHG) emissions in energy- intensive industries
- **M/478** Standardisation mandate to CEN, CENELEC and ETSI for the development of EU technical standards in the field of greenhouse gas emissions
- **M/503** Standardization mandate to CEN, CENELEC and ETSI in support of the implementation of the ambient air quality legislation
- **M/513** Standardisation mandate to CEN, CENELEC and ETSI under Directive 2010/75/EU for European standard method for the automatic determination by measurement of the concentration of gaseous hydrogen chloride (HCl) in waste gases emitted by industrial installations into the air
- **M/514** Standardisation mandate to CEN, CENELEC and ETSI under Directive 2010/75/EU for a European standard method to determine fugitive and diffuse emissions of volatile organic compounds (VOC) from certain industrial sources to the atmosphere

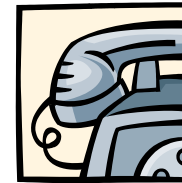
# EC Mandates



**For questions and proposals**  
Please contact your  
**National Standardization Body**

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