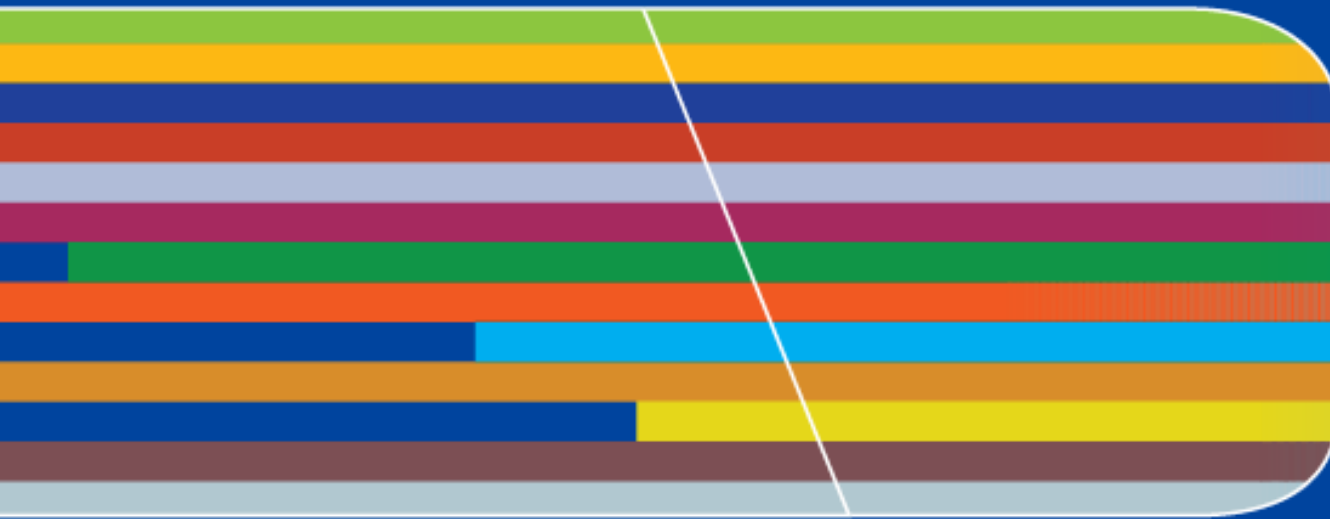# Perspectives and benefits of international cooperation in standardization

Gonçalo Ascensão   *17th April 2013*
Worked Examples on Bridge Design with EUROCODES, St Petersburg

→ **CEN & CENELEC systems**

→ Links to legislation

→ Information sources

The European Standardisation Organizations (ESOs)

CEN...................................

(European Committee for Standardisation)

CENELEC ....

(European Committee for Electrotechnical Standardisation)

ETSI ....

(European Telecommunications Standards Institute)

Sectors

→ Electricity – Electrotechnical

European Committee
for Electrotechnical
Standardization

→ Electronic Communications

European
Telecommunications
Standards Institute

→ Chemistry

→ Material

→ Food

→ Energy

→ Services

→ Transport

→ Metrology

→ Healthcare

→ Construction

→ Environment

→ Security and
defence

→ Information
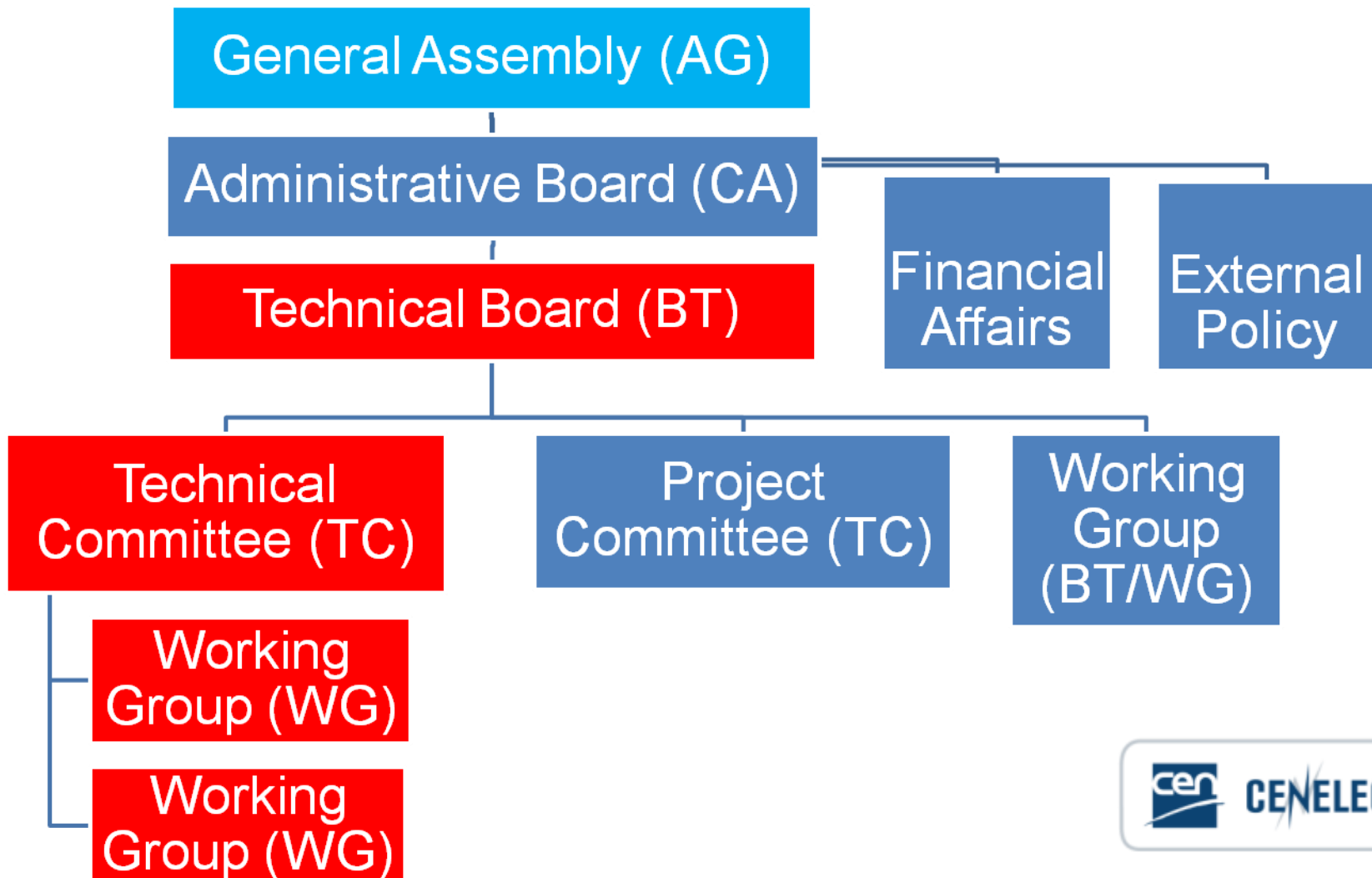society

→ Mechanical
engineering
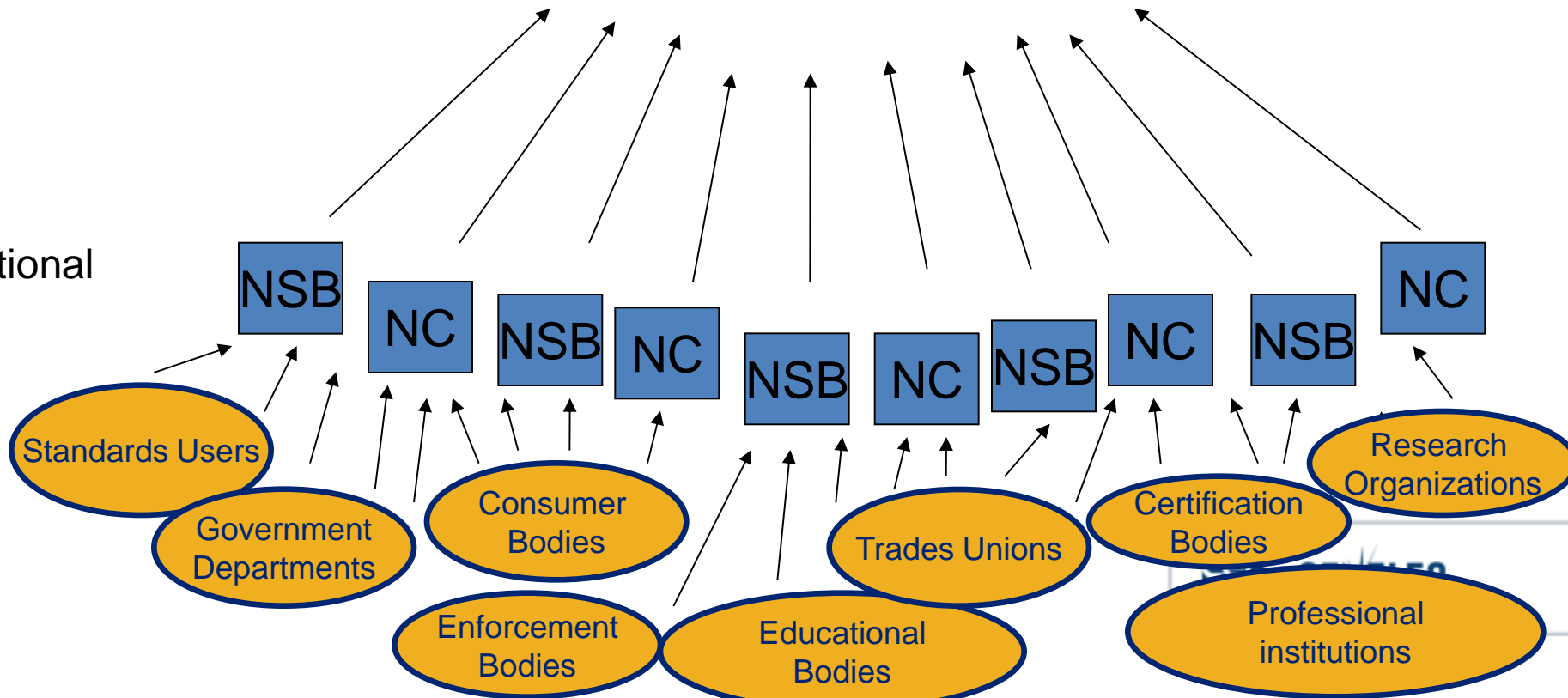
→ HVAC

European Committee
for Standardisation

System – main committees

System - main interactions

CEN & CENELEC

All National Members are members of all TCs

- Official languages are English, French and German

- Development through discussion leading to consensus

- Final decisions reached by weighted vote

- Standards <u>must</u> be adopted as National Standards even if the country voted against the draft

CEN/CENELEC Product Range (Deliverables)

Standards

- European Standard – EN

Pre-Standards

- Technical Specification - TS

Informative

- Technical Report - TR
- CEN/CENELEC Guide

Workshop Agreement

- CEN/CENELEC Workshop Agreement (CWA)

Main principles of European standardisation

Voluntary
- standards are voluntary in application

Openness and transparency
- open to participation of all interested parties and broad consultation

Consensus
- we build European consensus among all stakeholders

National commitment
- to implement European standards as identical national standards and withdraw conflicting national standards
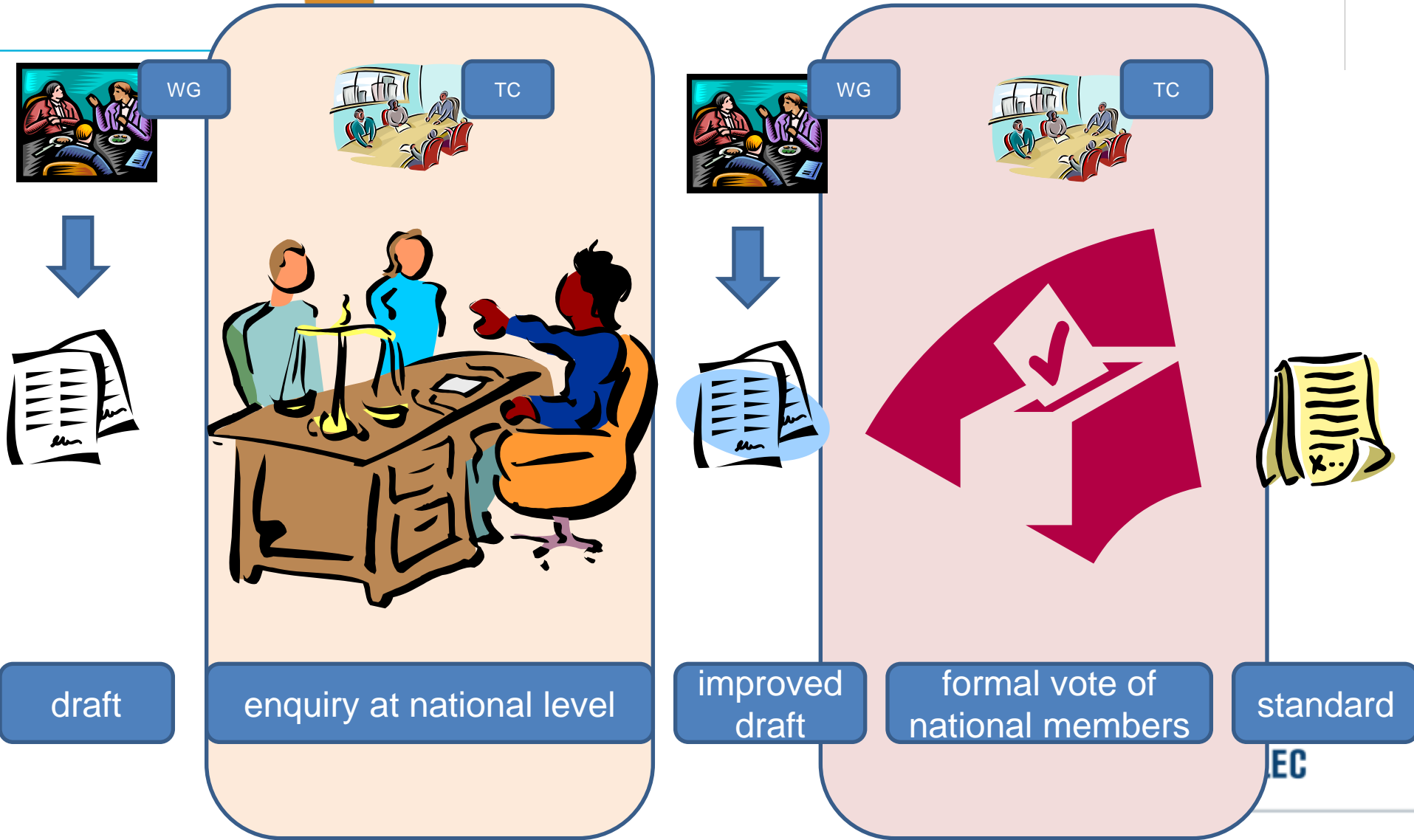
Market relevance
- reflect market needs

Correct integration with international work
- cooperation with ISO (Vienna agreement)
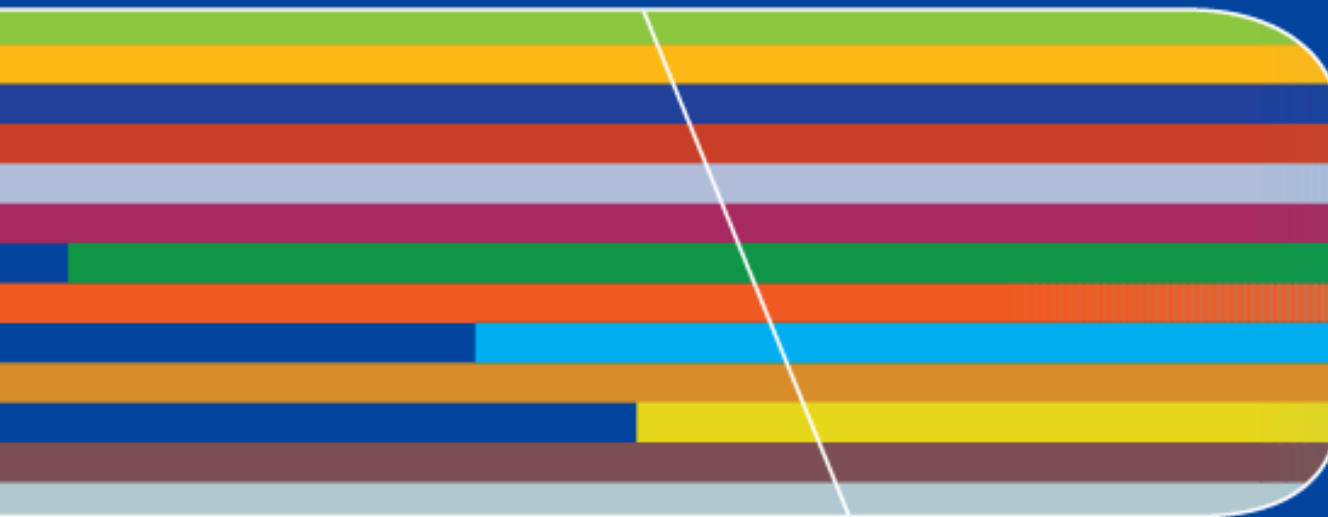- Cooperation with CENELEC (Dresden Agreement)

Finding and measuring consensus

WG

TC

WG

TC

draft

enquiry at national level

improved draft

formal vote of national members

standard
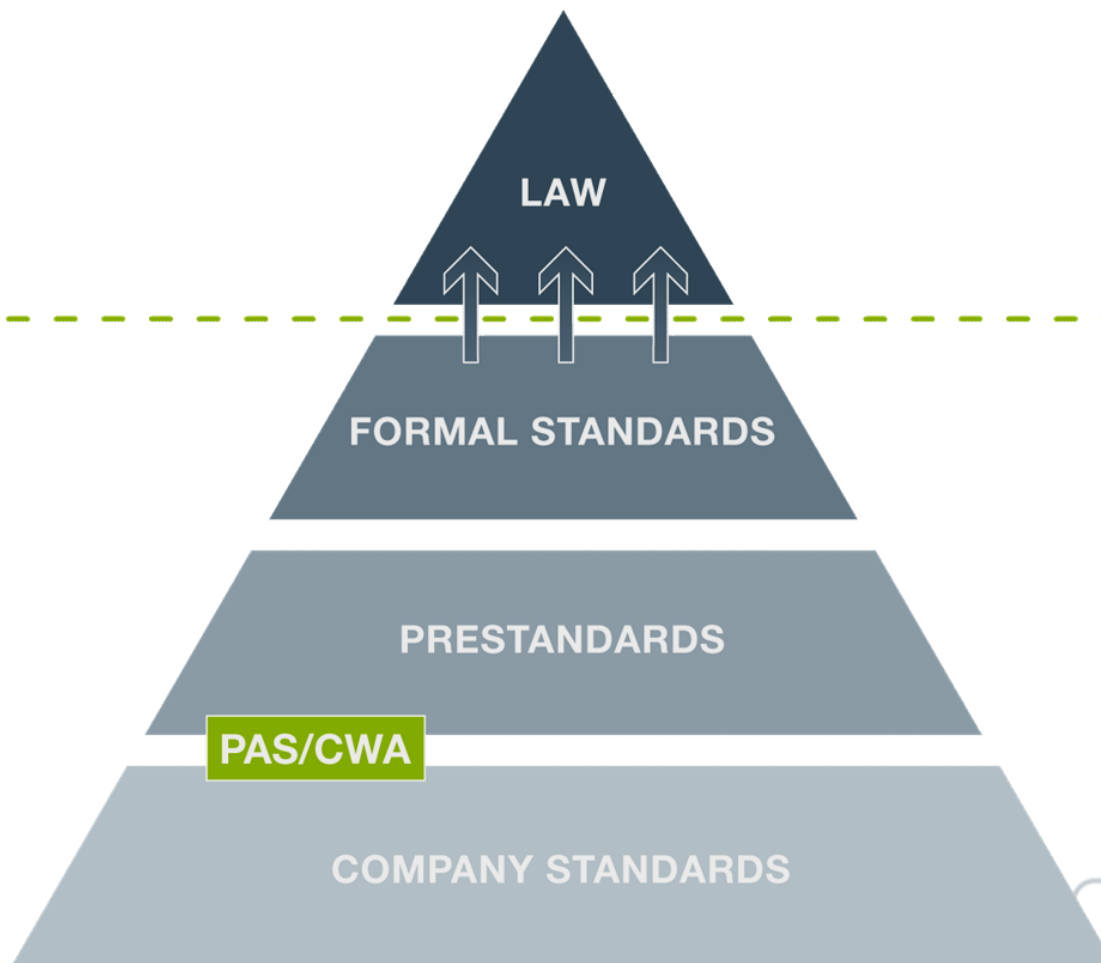
Why is a European Standard so valuable?
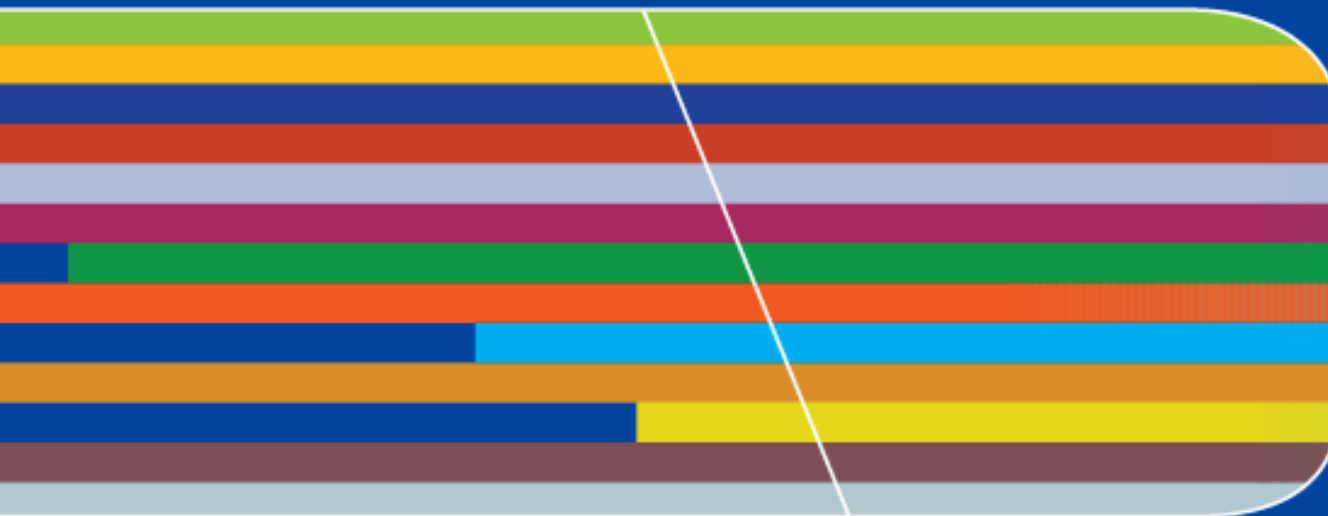
→ Strength and recognition because

- Shaped by those who contribute
- Open and transparent process
- Market driven
- Representation of all interested parties
- Reached through agreement

- One European Standard = 33 national standards = access to a market of over 560 million people

➔ CEN & CENELEC systems

➔ **Links to legislation**

➔ Information sources

European Standards and laws

➔ CEN & CENELEC systems

➔ Links to legislation

➔ **Information sources**

Sources of information I

→ CEN website, CENELEC website and CEN-CENELEC website

→ Websites of the National Members of CEN and of CENELEC

→ CEN/BOSS

- Internal Regulations

Sources of information II

→ Latest publications in CEN and in CENELEC

→ Search Standards in CEN and in CENELEC

→ CEN-CENELEC Newsletter *"Connect"*

→ Technical Committees of CEN and of CENELEC

→ CEN-CENELEC Guides

Thank you very much for your attention