

## **BUSINESS PLAN**

### **CEN/TC 33**

#### **DOORS, WINDOWS, SHUTTERS, BUILDING HARDWARE AND CURTAIN WALLING**

#### **EXECUTIVE SUMMARY**

European standardization is done by preparation of European standards in the following fields:

- definition of functions of doors, windows, shutters, building hardware, and curtain walls,
- performance levels,
- classification associated with these functions which characterize the usage including the ability to meet the basic requirement for construction works (of the Construction Products Regulation), tests requirements,
- if necessary, the essential dimensions, terminology, symbols, packaging, marking and labelling.

The objective of CEN/TC 33 is to establish European Standards and Harmonized European Standards, coherent one for the other in its field and between the different products, in a consensual way, reflecting the needs of the interested parties and actual practices.

Most of products covered by CEN/TC 33 have to integrate fire safety, saving energy, accessibility, child safety, ...

## **1 BUSINESS ENVIRONMENT OF THE CEN/TC 33**

### **1.1 Description of the Business Environment**

The following political, economic, technical, regulatory, legal, societal and/or international dynamics describe the business environment of the industry sector, products, materials, disciplines or practices related to the scope of this CEN/TC, and they may significantly influence how the relevant standards development processes are conducted and the content of the resulting standards:

European standardization is done by preparation of European standards on :

- the specifications for windows, doors, shutters, industrial commercial and garage doors, building hardware and curtain walling,
- their testing for assessment of performances.

This standardization takes into account the needs of the main stakeholders, such as representatives of the complete product manufacturers, components manufacturers, testing laboratories, consumers. It also takes into account requirements and rules from the CEN and the European Commission in regards to different regulations.

The work programme of CEN/TC 33 deals with several sectors corresponding to different concerned professions.

### **1.2 Quantitative Indicators of the Business Environment**

The following list of quantitative indicators describes the business environment in order to provide adequate information to support actions of the CEN /TC:

The sector of the construction is of a vital importance for the European economy. With its annual turnover about 1000 billion euros, more than 11 million direct workers, and the other 15 million persons indirectly employed by the sector, the construction contributes to 10 % of the GDP.

The manufacturing of products covered by the CEN/TC 33 is realized by some big companies and thousands of small and medium-sizes enterprises. This reflects the general situation of the European construction sector. More than 90 % of the companies are very small firms which represent more than two thirds of the annual turnover and more still in working strength.

European general data about production and production quantities of products covered by the scope of the CEN/TC 33 are not available / consolidated.

## **2 BENEFITS EXPECTED FROM THE WORK OF THE CEN/TC 33**

To ensure the full performance of each products covered by the scope of the CEN/TC 33, their production and installation is intended to be controlled in accordance with the standards established by the CEN/TC 33.

The desired European standardization deals with terminology, but also, and essentially, with the functional specifications and test methods required for assessing the performances of the products, independently from the shape and design.

For various reasons, it is a strategically significant decision to participate in the process of standardization. To remain viable in the long run, it is not sufficient for a company to simply apply the standards available. What is called for is active involvement in the drafting of standards. There are two fundamental benefits to active involvement, i.e. an information side and a way to influence the content of the standard.

Companies involved in the standardization process are in a position to properly develop and successfully market their products and services right from the start, throughout European market. By co-shaping the underlying terms and conditions, they will be faster in developing follow-up products and thus stabilizing and enhancing their market positions in the long term.

The objective of the standardization is to establish, in a consensual way, standards useful for the concerned parties (notably the manufacturers and their customers) to simplify and clarify their contractual relations.

### **3 PARTICIPATION IN THE CEN/TC 33**

All the CEN national members are entitled to nominate delegates to CEN Technical Committees and experts to Working Groups, ensuring a balance of all interested parties. Participation as observers of recognized European or international organizations is also possible under certain conditions. To participate in the activities of this CEN/TC, please contact the national standard organization in your country.

Furthermore, CEN/TC 33 keeps bilateral contacts with the following TCs:

- CLC/TC 61, Safety of household and similar electrical appliances,
- CLC/TC 79, Alarm systems,
- CEN/TC 89, Thermal performance of buildings and building components,
- CEN/TC 126, Acoustic properties of building elements and of buildings,
- CEN /TC 127, Fire safety in buildings,
- CEN/TC 129, Glass in building *for CEN/TC 129/WG 12*,
- CEN/TC 249, Plastics
- CEN/TC 256, Railway applications
- CEN/TC 350, Sustainability of construction works,
- CEN/TC 351, Construction Products – Assessment of release of dangerous substances,
- CEN/TC 388, Perimeter protection,
- CEN/PC 398, Child Protective Products,
- ISO/TC 162, Doors and windows,
- ISO/TC 163, Thermal performance and energy use in the built environment.

and with the following liaison and partner organisations:

- ANEC, European Association for the co-ordination of consumer representation in standardization,
- ARGE, The european federation of associations of lock and builders hardware Manufacturers,
- EAA, European Aluminium,
- ESSA, European Security Systems Association,
- EuroWindow, European window, door and curtain wall manufacturers,
- SBS, Small Business Standards.

Besides, the following Affiliate participation:

- ISME, Institute for Standardization of Montenegro,
- ISS, Institution for Standardization of Serbia.

## **4 OBJECTIVES OF THE CEN/TC AND STRATEGIES FOR THEIR ACHIEVEMENT**

### **4.1 Defined objectives of the CEN/TC 33**

The main objective of the Technical Committee is to prepare European standards on all products covered by its scope, namely :

- Windows including roof windows;
- Pedestrian doors, internal and external doorsets;
- Shutters, external and internal blinds and shutters;
- Building hardware, as emergency exit devices, controlled door closing devices, cylinders for locks, locks and latches, padlocks and padlock fittings;
- Industrial, commercial and garage doors and gates;
- Curtain walling including the bonded glazing

One of the objectives is to affix the CE marking on these products in regards with the Construction Products Regulation, Machinery Directive, EMC Directive and Low Voltage Directive when they apply.

Legal factors are important for CEN/TC 33 in the framework of the:

- Construction products Regulation, CPR (305/2011/EU) by the mandate given by the European Commission M/101 "doors, windows and related products" and its amendments, M/122 "Roof coverings, rooflights, roof windows and ancillary products" (for roof windows only) and M/108 "Curtain walling,
- Machinery Directive, MD (2006/42/EC),
- Electromagnetic Compatibility, EMC (2004/108/EC; 2014/30/EU), and
- General Product Safety Directive, GPSD (2001/95/EC).

The product specifications are candidate harmonized standards, addressing the requirements of European Commission and which enable complying products to be CE marked. This process will participate to the completion of the single market and lower barriers to trade.

### **4.2 Identified strategies to achieve the CEN/TC.s defined objectives.**

CEN/TC 33 has approved and is maintaining a working programme for the standardization of windows, doors; blinds and shutters; building hardware; industrials, commercials and garage doors and curtain walling.

The work items were grouped to product families, which are covered by different working groups and ad hoc groups established under the responsibility of the TC.

### **4.3 Environmental aspects**

CEN/TC 33 takes account of European and national legislation, guidance and latest practices on environmental aspects related to efficiency and emissions. CEN/TC 33 will consider the environmental aspects in the preparation and revision of product standards as well as the content of CEN Guide 4 "Guide for addressing environmental issues in product standards" and/or by separate standards to provide the product category rules (PCR) in complement of the core rules for the product category of construction products as defined in, and is intended to be used, in conjunction with EN 15804.

The following subjects will be mainly taken into account:

- Construction Product Regulation, taking into account the basic requirement n°7, sustainable use of natural resources,
- Improvement of the thermal transmittance, total solar energy transmittance.

## **5 FACTORS AFFECTING COMPLETION AND IMPLEMENTATION OF THE CEN/TC 33 WORK PROGRAMME**

The timely preparation of the standards (harmonized standards, supporting standards and voluntary standards) does not only depend on CEN/TC 33 but also:

- on the results of the horizontal CEN/TCs, for example CEN/TC 89 for thermal performances, CEN/TC 126 for acoustic performances, CEN/TC 127 for reaction and resistance to fire, CLC/TC 61 for the motorized products, .....
- on the research / preparation results of tests,
- on the application of the Directives and Regulations

It also depends on experience returns, product innovations, improvements in measurement methods as well as of regulatory constraints.

The work program of CEN/TC 33 is continuously updated to reflect all these constraints that arise.

The preparation of standards depends of the management of CEN/TC 33 work programme, of experts availability but also of parameters that TC cannot handle, already cited.

Since 1988, more than 155 standards were adopted, and nearly 54 new standards, amendments or revisions are in preparation at various stages of development.

## **CEN/TC 33 - Structure**

### **CEN/TC 33 "Doors, windows, shutters, building hardware and curtain walling"**

Chairman: Frédéric Wielezyski (France)

Secretary: Nathalie GIRARDOT (AFNOR)

### **CEN/TC 33/WG 1 "Windows and doors"**

Convenor: Ulrich SIEBERATH (Germany)

Secretary: Tristan HERBST (DIN)

### **CEN/TC 33/WG 3 "Blinds and shutters"**

Convenor: Hervé LAMY (France)

PSS: AFNOR

### **CEN/TC 33/WG 4 "Building hardware"**

Convenor: Paul DUGGAN (UK)

Secretary: Magda DI CARLO (BSI)

### **CEN/TC 33/WG 5 "Industrial, commercial, garage doors and gates"**

Convenor: Olaf HEPTNER (Germany)

Secretary: Tristan HERBST (DIN)

### **CEN/TC 33/WG 6 "Curtain walling"**

Convenor : Paolo RIGONE (Italy)

PSS : UNI

### **CEN/TC 33/WG 7 "Burglary resistance"**

Convenor : Hakan HEDLUND (Suède)

PSS: SIS

### **CEN/TC 33/WG 8 " Fire resisting and smoke control"**

Convenor : Olaf HEPTNER (Germany)

Secretary: Tristan HERBST (DIN)

### **CEN/TC 33/WG 9 "Powered pedestrian doors (PPD)"**

Convenor : Roberto FRANZA (Italy)

PSS : UNI