

EuroWindowor contribution for implementation of the EPBD 2018



After publication of the Directive (EU) 2018/844 amending the Energy Performance of Buildings Directive (EPBD) on May 30th, 2018 EuroWindowor went on participating as a stakeholder in the political process. The key was then to highlight the benefits of daylight, solar gains, solar protection and natural ventilation to support the process of implementation of the EPBD on national level. EuroWindowor updated in September its Position and Infographic from 2016. In autumn 2018 "EuroWindowor position on Benefits of windows and glazed areas (September 2018)" and "EuroWindowor EPBD 2018 Implementation Infographic: Windows for healthier buildings (November 2018)" were published.



EuroWindowor updated as well in September the Joint Position of 2016 with the connected associations (Glas for Europe, ES-SO, European Aluminium) and published the "Joint Position - Implementing the amended EPBD - Opening up the potential of windows (September 2018)".

All publications of EuroWindowor are available at www.eurowindowor.eu.

EuroWindowor position on scoping the Ecodesign preparatory study for BACS

EuroWindowor took note of the Task report on scoping the **Ecodesign preparatory study for Building Automation and Control Systems (BACS)** in September 2018. It was necessary to clarify important items for our sector and [EuroWindowor published a Position](#) concerning them. Following BACS Products from building application level are fundamentally different from e.g. "heat generator control system": **Smart windows, Smart doors, Smart blinds & shutters, automatic sliding or revolving doors.** These Products have no need to have a permanent operation and most are in a stand-by mode.

The following conclusions can be drawn from the evaluations:

- Energy consumption of active operation of the mentioned products is usually smaller than in stand-by mode.

- All energy consumption of the mentioned products is far below the data of other consumers (such as artificial lighting, heating, cooling,..).
- The energy consumption of automatic sliding or revolving doors is higher than that of automated windows or shutters, but is due to more frequent use (inspection) and safety aspects (e.g., escape routes, fire protection).

EuroWindowor proposes for reasons of e.g. no significant savings in self-consumption bearing in mind the proportionality of future possible measures not to take these BACS products under further consideration for potential product measures according to Ecodesign Directive (ED) and Energy Labelling Regulation (ELR) in the "Ecodesign preparatory study for Building Automation and Control Systems (BACS) implementing the Ecodesign Working Plan 2016-19".

The "Energy Balance Coalition" (EuroWindowor, Glass for Europe, European Aluminium, European Solar Shading Association and FAECF) organized on October 12th, 2018 a joint meeting with Mr. Dimitrios Athanasiou and Mr. Garcia Audi (DG ENER) to provide specific wording to the **EPBD guidance document** on

1. Energy Balance
2. Daylight and how to implement EN 17937 standard
3. Long-term renovation strategies and financial incentives

The DG Energy officials mentioned the possibility to have a workshop/specific theme on energy balance at a future EPBD Concerted action meeting (e.g. March 2019). EuroWindowor could participate and present its items.

EuroWindowor meets DG ENERGY

EuroWindowor met during its Directing Council meeting on November 21st, 2018 in Brussels Sylvain Robert from the European Commission (DG ENER) to discuss items of Implementation of the EPBD 2018, SRI for Buildings and the Ecodesign preparatory study for Building Automation and Control Systems (BACS). It was a very productive exchange in both directions and Mr Robert promised to take account EuroWindowors suggestions.



EuroWindowor Directing Council Meeting in Brussels with guest speaker Sylvain Robert from DG ENER on November 21st, 2018



EuroWindowor input to the Draft Standardization request, revision of CEN/TC 33 Mandates



EuroWindowor did participate on invitation of the European Commission to the drafting of a Standardization request for revision of the Mandates of CEN/TC 33 which will be the basis for future product standards. DG GROW requires an exhaustive list of characteristics belonging to the content of CPR Annex I. During 13 meetings in 2018 EuroWindowor gave input with the intention to limit the burden for manufacturers and to get more reasonable requirements.

Because of EuroWindowor the draft includes simplified procedures and the AVCP System for "Ability to release" changed from 1 to 4. EuroWindowor achieved for "radiation properties" to include beside Solar factor and Light transmittance for the complete window the option to have

End-of-Life (EoL) Treatment of Wood

The [report of the EuroWindowor Screening Study "Wooden Doors and Windows EoL Treatment"](#) figured out that much more of wood waste from windows and doors go into thermal recovery or recycling as expected. According to the results CEN has amended the final draft of EN 17213 (Windows and Doors – Environmental Product Declarations) that substantially less than 50% go to landfill in Europe. EuroWindowor thanks all financing partners for their support.



Closing presentation in October on fair glasstec (from left to right): Frank Koos, Helle Carlsen Nielsen and David McKinnon (Ramboll)

the split values with Solar factor and Light transmittance factor of the glass and the "Frame area ratio FF" to comply with different legal situations.

The process is to be finalized in 2019 and some items presented by EuroWindowor are still under discussion between the different product groups in CEN/TC 33. EuroWindowor proposals have the final product in focus while sometimes interests of supplying industry are different.

How to deal with the CPR Basic Requirement for Construction Works (BRCW) No. 7 "Sustainable use of natural resources" is one of the important items to be solved in 2019. Up to now there is a contrary opinion between DG GROW and the stakeholders. EuroWindowor believes that the approach needs to be more elaborated and supports to having postponed this item to a later stage.

EuroWindowor Daylight Conference: Improved health, concentration and performance



The EuroWindowor Conference "Daylight - Improved health, concentration and performance" took place on October 24th at fair glasstec in Dusseldorf / Germany. Hosted by EuroWindowor Vice-President Helle Carlsen Nielsen, speakers presented the latest findings from daylight research and the skilful implementation of these in the building planning process as well as the upcoming European standard EN 17037 for daylight in buildings. The presentations by the daylight standardisation experts Prof. Marc Fontoynt, renowned German light planner Prof. Peter Andres as well as Markus Broich from Bundesverband Flachglas (Federal Flat Glass Association) and Ferdinand Friedrichs from

EuroWindowor Study Tour 2018 Germany

Berlin was the destination of the EuroWindowor Study Tour 2018 on September 12th to 14th, 2018. The tour group visited two window manufacturers, a producer of PVC profiles for windows and a wholesaler of Timber. The cultural highlight of this Study Tour was the guidance of the Berliner Schloss, whose rebuilding is almost completed. The participants favour to open this Study Tour for all materials to improve the exchange of knowledge.



Some of the participants of the Study Tour at the "Berliner Schloss"

the Verband Fenster + Fassade (Window and Curtain Walling Manufacturers' Association) highlighted, partly proven by empirical research, the full significance of daylight in buildings. The high level of interests of the visitor and the extensive discussions emphasize this impressively.



Audience of the conference "Daylight by EuroWindowor"

Appointments 2019

- 21/03/2019 EuroWindowor Directing Council and General Assembly, Zurich / Switzerland
- 06-07/06/2019 EuroWindowor Directing Council, Lisbon / Portugal
- 20/11/2019 EuroWindowor Directing Council, Paris / France



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