

Pan-European study on energy savings due to window replacement showing high Energy Savings potential published by EuroWindowor



A new study from IBH - Ingenieurbüro Hauser shows that setting requirements based on energy balance is of utmost importance to ensure proper assessment of a window's contributions to a buildings energy consumption. It also shows that window replacement policies based on energy balance approach can result in huge energy savings. Below Figure from the study shows that replacing old

windows (double glazed without coating) with optimized windows on both heat loss and solar gains (e.g. U-value of 1.3 and g-value of 0.60) actually can result in 274 TWh/a heating energy savings. Similar findings per country in Europe can be found in the study. It should be highlighted that above is only related to heating energy savings. The issue of overheating and energy use for cooling to be assessed in the specific climatic condition and the right window replacement varies across

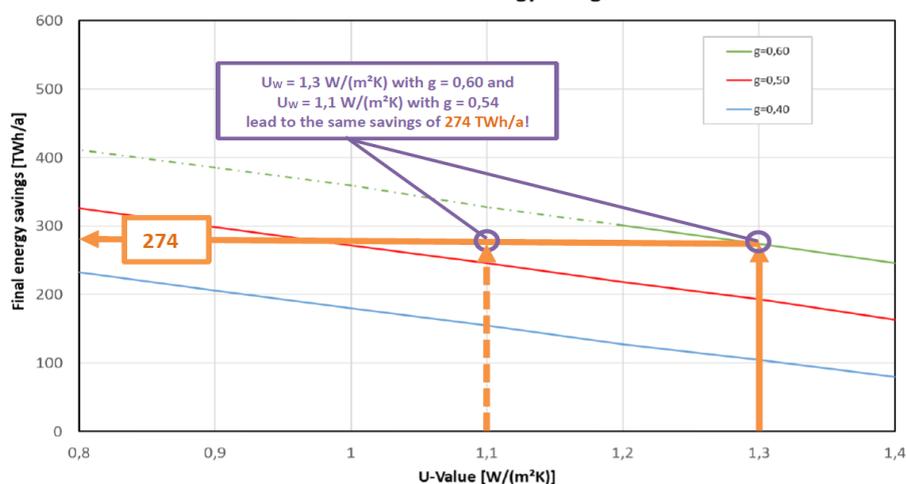
climatic conditions, as solar management (solar glass, dynamic shading or dynamic glazing) also has huge impact on the yearly energy consumption.

Recommendations from the study:

- Window replacement policies based on single U_w -value requirements should be replaced by energy-balance requirements to optimise and secure their efficiency
- Energy-balance equations should be defined at national level to account for local climatic conditions, building traditions etc.
- Energy-balance requirements should be based on cost-optimality
- For cooling dominated countries, policies should include expectable savings for cooling as they account for a significant part of building consumptions

At Central European Energy Efficiency Forum (C4E) the author Dr. Stephan Schlitzberger from Ingenieurbüro Hauser (IBH) presented the results of the study together with Vice-President from EuroWindowor, Helle Carlsen Nielsen. The study is available at [EuroWindowor website](http://www.eurowindowor.eu).

EU28 final energy savings



Directive (EU) 2018/844 amending the EPBD is now published in the Official Journal



The amended Energy Performance of Buildings Directive (EPBD) is supportive to energy efficient and healthy buildings. Key is now implementation. EuroWindowor is in process of updating the joint position paper with European Aluminium, ES-SO and Glass for Europe to highlight the importance of proper implementation of EPBD. Focus is on increasing the renovation rate in Europe, setting Energy Balance requirements to

windows and the importance of setting proper daylight and indoor climate requirements in national building regulation. Next step from European Commission is preparation of delegated and implementing acts. Guideline documents on some parts of the Directive will also be prepared by Commission. Here it is important that aspects related to healthy buildings and energy balance are included to give the best direction to Member States on this. EuroWindowor is in dialogue on European level.

EuroWindowor Study Tour 2018 in Germany



The wider area of Berlin will be the destination of the next EuroWindowor Study Tour. From September 12th to 14th, 2018 two window manufacturer, a producer of PVC profiles for windows and a wholesaler of Timber will be visited. The guidance of the Berliner Schloss, whose rebuilding is almost completed, will be the cultural highlight of this Study Tour to illustrate the high significance of window and facade construction in architecture.



EuroWindoor Directing Council meeting in Prague

The Directing Council met on June 21st and 22nd in Prague by invitation of the Czech member ČKLOP. EuroWindoor members worked very

effective on the items of the working program and had a fruitful exchange during the very pleasant social program.



Participants of the EuroWindoor Directing Council Meeting in Prague

Status of review of the CPR



There is still no final decision, if the CPR will be revised or not. The decision is expected close to year end.

At a Technical Platform meeting in the beginning of May a list of 10 options ranging from “no change” to “repeal” was presented by the consultancy hired by the EC to analyse the performance of the CPR and whether it would be appropriate to propose a revision or not. Through an online voting during the meeting a huge majority of the votes supported either “Soft law” (38%) or “Limited revision” (41%), with the option “No change” coming third with 10%. This result is consistent with the feedback received in the public consultation and it is likely to assume that the final proposal will be based on one of these three options.

Conference 'Daylight by EuroWindoor'



The Conference ‘Daylight by EuroWindoor - Provision of Daylight in Buildings’ takes place on October 24th, 2018 (14.00- 16.00 h) during the fair *glasstec*, Düsseldorf / Germany. The provision of daylight in buildings is strongly discussed in science, technology and industry – and at the same time leads to new standards and specifications that are trend-setting and obligatory for design process. Please find more information [here](#). Target groups are Architects, technical planner, building consultants, scientists, managers from industry and representatives of public authorities / relevant associations. Please register directly at [Ticket shop](#) on the website of the fair “*glasstec*”: www.glasstec-online.com (49,-€ by online, incl. fair ticket “*glasstec*”).

EuroWindoor Executive Board confirmed

The previous Executive Board of EuroWindoor was unanimously re-elected for three years. The EuroWindoor leadership therefore continues to consist of President Joachim Oberrauch (Division Plastics), Vice-President Helle Carlsen Nielsen (Division Wood), Vice-President Franz Hauk (Division Metal).



From left: Joachim Oberrauch, Helle Carlsen Nielsen and Franz Hauk. In the right of the picture: Secretary General Frank Koos.

End-of-Life (EoL) Treatment of Wood



The EuroWindoor Screening Study “Wooden Doors and Windows End-of-Life Treatment” is almost finished. The study is looking at nine reference countries (AT, CZ, DE, DK, FR, GB, IT, NL and SE) to get a representative result for complete Europe what happens with wood of old products. EuroWindoor thanks all financing supporters, participants and partners for the support and effective collaboration. The **Final Report** will be presented at the Closing Presentation **on October 24th, 2018 (11.00 - 12.30 h) during the fair *glasstec*, Fairground Düsseldorf / Germany** before ‘Daylight by EuroWindoor’. For participation please contact directly the General Secretariat by email gs@eurowindoor.eu.

Appointments 2018/ 2019

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| 12-14/09/2018 | EuroWindoor Study Tour 2018, Germany |
| 24/10/2018 | Closing presentation EuroWindoor Study on Wooden Doors and Windows End-of-Life Treatment at <i>glasstec</i> , Düsseldorf |
| 24/10/2018 | “Daylight by EuroWindoor” at <i>glasstec</i> , Düsseldorf |
| 21/11//2018 | EuroWindoor Directing Council, Brussels / Belgium |
| 14-19/01/2019 | Fair “Bau” 2017, Munich/Germany |
| 21/03/2019 | EuroWindoor Directing Council and General Assembly, Zurich / Switzerland |



Imprint

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