

VELUX Group and DOVISTA collaborate with a:gain to launch scalable, more circular product

Insulated glass with minor, non-performance-related variations can be used for facade window systems sold by a:gain, a Danish company developing circular building products. The aim is to optimise the use of resources and materials.

A low percentage of Insulated Glass Units (IGUs) at VELUX Group factories display minor visual variations, such as minor air bubbles, that do not affect their technical performance. While these fully functional IGUs retain full technical performance, they cannot be used in roof windows, and they are therefore typically downcycled into other glass products such as bottles and drinking glasses.

As part of VELUX Group's circularity ambitions and to test the potential for upcycling these glass units, VELUX and its sister-company DOVISTA are working with circular product provider a:gain. Both VELUX and DOVISTA are part of the VKR Group.

The collaboration between a:gain, VELUX and Krone Vinduer, one of DOVISTA's three Danish facade window brands, focuses on upcycling materials to a next life in Viddø, a facade window system developed by a:gain. The window system is characterised by a lower number of material processes, minimal waste, and a significantly lower carbon footprint than comparable window systems.

"We are mapping circularity potential across our entire value chain to make optimal use of our resources and materials, through a number of activities including various experiments in pilot projects. Glass production is CO₂ and resource intensive and we seek to avoid downcycling whenever we can. Viddø is an example of a product that promotes circularity in a very tangible and scalable way," says Lone Feifer, Director for Sustainable Buildings at the VELUX Group.

Up to 44% lower carbon footprint

In this collaboration, VELUX Group will supply IGUs from its factories to one of DOVISTA's Danish brands, Krone Vinduer, that handles the production and mounting, while a:gain is solely responsible for product design, documentation, marketing, and sales under its own Viddø brand.

Viddø has a third-party verified Environmental Product Declaration (EPD) used in calculating a building's carbon footprint. While the exact carbon savings from using these IGUs in facade windows depend on the specific project conditions and assessment methodology, calculations from an avoided emission study show potentially up to a 44% lower carbon footprint than comparable facade window systems. Thanks to a:gain's digital design tool, it is easy for architects to draw and specify Viddø into their projects.

"At a:gain we make fully documented building products from materials such as IGUs and other recyclable resources at scale. Industry leaders like VELUX Group and DOVISTA are key to this mission. Their production expertise combined with our knowledge of circular

product development is what makes collaborations like this possible – and what will move the construction industry toward a more circular future,” says Thomas Heldgaard, CEO at a:gain.

Already delivered to various projects

Viddø has already been delivered to several projects such as TRÆ in Aarhus by Lendager Architects, Nest House by EFFEKT Architects, and Skovhuset, designed by Kasper Guldager, Lasse Lind and Emilie Lind Fenhann. The Viddø facade solution is also installed at CPH Village Østerbro, to be completed in the coming months. In addition, Viddø has readily been specified for upcoming large-scale projects.

“We’re constantly seeking to decarbonise by working with industry specialists on solutions that help us scale circular construction approaches,” says Frank Radich, CTO & Senior Vice President at DOVISTA Group, a European leader in vertical windows and exterior doors.

About the VELUX Group

VELUX roof windows have been bringing daylight and fresh air into peoples’ homes around the world for more than 80 years, creating better living environments. We offer a range of products including roof windows and modular skylights, decorative blinds, sun screening products, and roller shutters, as well as installation and smart home solutions. They help create bright, healthy, and energy-efficient places for people who live, work, learn, and play under the roof. We work globally – with sales and manufacturing operations in 37 countries and around 12,000 employees worldwide. The VELUX Group is owned by VKR Holding A/S, a limited company owned by the Villum Foundation and members of the Kann Rasmussen family. In 2024, the VELUX Group had a total revenue of EUR 2.96 billion while VKR Holding had a total revenue of EUR 3.87 billion. The same year, the Villum Foundation and the VELUX FOUNDATION donated a total of EUR 169 million in charitable grants.

For more information about the VELUX Group, visit [velux.com](https://www.velux.com).

About DOVISTA

DOVISTA is a leading European provider of vertical windows and exterior doors. With a strong union of now 13 distinctive brands, a dedicated e-commerce platform, and more than 7,000 employees, DOVISTA’s purpose is to bring daylight and fresh air into people’s everyday lives. Building on over 80 years of history and a proud Danish design heritage, DOVISTA is committed to delivering quality solutions that meet customers’ needs. DOVISTA is 100% owned by VKR Holding A/S and is part of the VKR Group – one of Denmark’s most respected manufacturing groups. VKR Holding is a family- and foundation-owned company, and its primary shareholder is the Villum Foundation.

For more information about DOVISTA, visit [dovista.com](https://www.dovista.com).

About a:gain

a:gain is a Danish circular product provider that transforms discarded materials and secondary resources into high-quality, fully documented building products for the professional construction industry. The company works with leading manufacturers and construction companies to make circular building products accessible at scale. To date, a:gain has delivered to more than 100 professional building projects and has saved over 2,000 tonnes of discarded materials from becoming waste. Its product portfolio includes facade systems, flooring, interior partitions, and acoustics – all developed to meet professional standards for performance, quality, and aesthetics while advancing the transition toward a more sustainable building industry.

For more information about a:gain, visit [again.dk](https://www.again.dk)

1) CO₂e comparison is based on an avoided emission study including phases A1–A3 and C1–C4. Phase B and D are excluded. Comparison is based on a triple glazed wooden-aluminium frame with either: a) virgin IGU or b) 30% virgin IGU and 70% discarded IGU. Read more: <https://www.again.dk/download-center#Vidd%C3%B8>