

# BUILDING GREEN

## Building Green Copenhagen – Extended Sustainability Document

This form is intended for exhibitors with physical products and solutions within the sustainable construction sector.

The document is divided into two categories that you must respond to.

**1. Company level**

**2. Product level**

(To answer the following, it may be helpful to involve your production manager, environmental/sustainability manager, CSR/HR manager, etc.)

The document will be used to visually present your company and product/service profile at the event. Your complete responses will be made available to conference participants via QR code and download.

### General information

Company name	REHAU A/S
Contact person	Martin Heisterberg
Name of product/solution	ARTEVO and Nordic Design Plus window systems
Short description of product/solution	ARTEVO – new inward opening turn/tilt window developed for the Nordic market Nordic Design Plus – outward opening window system. Full circular economy by taking back of internal scrap, offcuts and old window frames and recycling of the materials to be reused in the new window profiles.

### 1. Company level

<p>Are you ISO14001 certified? If yes – insert a link to the certificate.</p> <p>Please show/attach your policies regarding: Environment, CSR, Energy, Sustainability, Procurement</p> <p>Please insert links to: Code of Conduct UN Global Compact CSRD report (or alternatively voluntary environmental report, climate report according to GHG protocol)</p>	<p><a href="https://www.rehau.com/downloads/1123498/certificate-iso-14001-2015-english-.pdf">https://www.rehau.com/downloads/1123498/certificate-iso-14001-2015-english-.pdf</a></p> <p><a href="#">The REHAU Way: Sustainability</a> (one link with all information to points on the left)</p>
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2. Product level	
2a. Production	
Where in the world is your product/its components manufactured?	Wittmund, Germany
Are any or all of your raw materials/components recycled or surplus materials from other productions/activities?  If partially: What proportion is recycled or surplus material?	We use post-production, pre- and post-consumer material.  The proportion varies depending on the profile shape.  Dekura as a part of REHAU: <a href="#">Dekura   Effektives Kunststoffrecycling aus Höxter</a>
Do you produce using renewable energy? Do you generate it yourself or purchase credits?	Since 2025 we will be producing Scope 2 neutral globally. It is a mix of various sources (Onsite, Offsite, Certificates)
Does your product contain electrical or electronic components? And where are they produced?	No
Biodiversity – how do you manage biodiversity at and around your production site(s)?	The materiality assessment was developed to identify the topics that are important for REHAU Industries' strategy and identify the impacts, risks and opportunities for the REHAU Group in relation to environmental, social and governance issues in its own operations and in the upstream and downstream value chain. The assessment was based on double materiality: materiality of the impacts (inside-out perspective) and financial materiality (outside-in perspective). The focus topics in the area of the environment are 'climate protection: climate change and energy efficiency', 'resource conservation' and 'sustainable supply chains'. Biodiversity was assessed as not significant in comparison.
Packaging – what type of packaging is used for your product? And in what quantities? (e.g., weight of packaging vs. product weight)	We use recyclable PE-HD foil (with 35 % recycled mat.) for packaging. The average proportion of the total product weight is around 0.2 %.
How much waste do you generate in your production? How is it measured? (percentage of production, quantity, etc.)	All scrap material which occurs during production will be reused in the same products. Only a very small portion of approx. 0,15% must be disposed.

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<p>What do you do with waste or surplus materials from your production and activities? (e.g., surplus heat to district heating, food waste from canteen to biogas, workwear to new textiles)</p>	<p>Most non-conforming goods can be returned to the process, thus keeping waste volumes low.</p>
<p>Do you have off-take agreements for your waste? Who collects it and how is it processed?</p>	<p>Raw materials are used as efficiently as possible. Dekura, a subsidiary company, recycles old windows and makes the material available.</p>
<p>Other relevant input for this section?</p>	
<p><b>2b. Resources – Raw Materials, Waste, Residual Fractions, Residual Packaging, Intake–Output, etc.</b> (Consider your entire value chain, both upstream and downstream)</p>	
<p>Where do you source your raw materials, components, etc.? DK/Nordics/EU/BRICS/?</p>	<p>The vast majority is sourced in the EU.</p>
<p>What are the options for your product at end of life? And how do you handle it? (e.g., take-back programs, leasing models, product-as-a-service, or does it end up being crushed or incinerated?)</p>	<p>Full circular economy by taking back of internal scrap, offcuts and old window frames and recycling of the materials to be reused in new window profiles.</p> <p><a href="https://window.rehau.com/de-de/eco-puls">https://window.rehau.com/de-de/eco-puls</a></p>
<p>Where does the waste from your production ultimately end up?  (This refers to the <i>final</i> destination of the waste – not just the next step in the value chain, such as your waste management provider. For example, wires may end up in Pakistan where PVC is incinerated, and copper is recycled.)</p>	<p>All PVC materials end up at our recycling facilities, where they will be fully recycled and reused in new profiles</p> <p><a href="https://window.rehau.com/de-de/eco-puls">https://window.rehau.com/de-de/eco-puls</a></p>
<p>Are there risks of child labor/forced labor/slavery in your value chain (both upstream and downstream), and how do you identify it? – If yes, how do you handle this?</p>	<p><a href="https://www.rehau.com/downloads/260286/employee-code-of-conduct.pdf">https://www.rehau.com/downloads/260286/employee-code-of-conduct.pdf</a></p> <p><a href="https://www.rehau.com/downloads/250988/supplier-code-of-conduct.pdf">https://www.rehau.com/downloads/250988/supplier-code-of-conduct.pdf</a></p>
<p>How are environmental and climate impacts managed in your value chain? Is there a risk of soil/air/groundwater/freshwater pollution in your value chain?</p>	<p>We generally use closed cycles for our materials: Non-compliant goods are shredded and returned to the process.</p> <p>We handle the required energy as follows: -Some of the electricity will come from solar energy; two solar parks are currently being built and connected on the factory premises.</p>

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	<ul style="list-style-type: none"> <li>-The cooling water used to cool the profiles is a closed cycle.</li> <li>-The waste heat from the compressor used to produce compressed air, which is required for the packing machines, for example, is recovered and used to heat the offices.</li> <li>-In recent years, the roof has been re-insulated to conserve resources.</li> <li>-The lighting in the production hall has been converted to LED.</li> </ul>
How do you manage subcontractors? (Policies, monitoring, audits, etc.)	Supplier monitoring in accordance with ISO 9001, supplier evaluations, and audits are carried out.
Other relevant input for this section?	
<b>2c. Logistics and Transport</b>	
<p>How far do you transport incoming raw materials/components?</p> <p>And how? (Truck, train, plane – fossil, hydrogen or electric?)</p>	The vast majority is transported less than 500km by truck.
<p>How far are your products typically transported?</p> <p>And how? (Truck, train, plane – fossil, hydrogen or electric?)</p>	The average distance is approx. 600km by truck.

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<p>How far is waste/spillage transported to its final destination?</p> <p>And how? (Truck, train, plane – fossil, hydrogen or electric?)</p>	<p>The waste is transported less than 100km by truck.</p>
<p>How do you handle returns?</p> <p>Are they reused – fully or partially?</p>	<p>Nearly a 100% of all returns can be reused.</p>
<p>Other relevant input for this section?</p>	

## Documentation of Environmental and Climate Impact

Please include links to:

LCA according to ISO14040/14044 including critical review/panel review

## Product Evaluation and Information

Please include links to:

New CE marking according to updated construction product regulation (CPR)

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Social LCA according to UN guidelines

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Cradle To Cradle (C2C)

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Digital Product Passport (DPP)

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Environmental Product Declaration (EPD)

<https://epd-online.com/EmbeddedEpdList/Download?id=24224>

Product Environmental Footprint (PEF)

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Forest Stewardship Council (FSC)

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Program for the Endorsement of Forest Certification (PEFC)

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Nordic Swan Ecolabel

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EU Ecolabel (Flower)

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Other relevant certifications

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## Future Vision for Your Product/Solution

How do you plan to: <ul style="list-style-type: none"><li>- Increase sustainability?</li><li>- Reduce emissions?</li><li>- Better support biodiversity?</li><li>- Improve quality of life in your value chain?</li></ul> In 5 years? In 10 years?	<a href="https://window.rehau.com/de-de/eco-puls">https://window.rehau.com/de-de/eco-puls</a>
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### Kilder:

This form has been developed in collaboration with experts in the construction industry, based on: The Danish Marketing Act, Guidelines from the Consumer Ombudsman, The Green Claims Directive, DDD – Due Diligence in the Value Chain, Construction Product Regulation (CE marking), UN's Guide on Social LCA, the Jysk/IKEA case, EMF Vol 1