

HOLZ VON HIER (Low Carbon Timber)

Overview

logo	
website	www.holz-von-hier.de
Emblem name	HOLZ VON HIER.
geographical scope	first Germany, currently expansion in Europe: Austria, France, Italy, Slovenia
International head-quarters	no
European head-quarters	Germany, Creussen; planned further seats in Europe.
structure	Non-profit organization with stakeholder curatorium, expert advisory boards, expert panel, partner network, Hersteller network, administration and service gGmbH. Trademark owner Holz from Here gemeinnützige service and management gGmbH.
aim	Contribution to climate protection, biodiversity, resource efficiency and regional added value
motto	Climate protection and regional added value are combined by low carbon products of short distances.
founding	2012 in Germany
particularity	<ul style="list-style-type: none"> • HOLZ VON HIER was founded because the flow of material in wood products is getting longer and longer and this is an essential but so far neglected part of the climate and environmental back-sack of products in general and also in wood products. • Certificate for the customer (private and public), • LCA basic data on the certificate available via the HvH Environmental Footprint, • Real-time verification for each product, product batch, • the product is not awarded the operation, • System also suitable for medium-sized businesses, • Tenderable, VOB compliant, • Innovative control system based on cross-plant digital flow control. • No costs for architects, municipalities, customers, GForst (since not the forest is certified). • HOLZ VON HIER, unlike other certification systems, meets the criteria not collected for all products of a product rail within a longer period, but individually for each individual product or a specific product or delivery batch in real time. • This is made possible by Holz's electronic material flow controlling system. • The development of this system was funded by the German Federal Environmental Foundation for its environmental and environmental benefits. • Non-profit organization. • HOLZ VON HIER also advises municipalities and procurers free of charge with regard to sustainable procurement. • Since wood vn is a product-related certificate, every operation of the chain can participate in the chain comparatively in time or object-related.
Certificate types, starting point	<p>HOLZ VON HIER certificate of origin, type A: cradle to gate (A1, A2, A3) and type B: cradle to customer (A1, A2, A3, A4)</p> <p>HOLZ VON HIER environmental footprint (,lifetime' LCA)</p>

standards	one standard
criteria	<p>Criteria for the HvH CoC certificate of origin:</p> <ul style="list-style-type: none"> • The logs that are included in the CoC must be 100% sourced from sustainable forestry, as evidenced by FM certificates according to FSC or PEFC or equivalent. • The product does not contain any wood from poaching or of endangered tree species according to the IUCN Red List • The wood products that are certified with the CoC certificate have been produced above average low in transport and thus climate and environmentally friendly, biodiversity-friendly and resource-efficient along the processing chain to the place of use. • no fixed criterion but systemically given: The products were produced according to the international high ecological and social standards. <p>Data from the HvH Environmental Footprint: Products that also have a HvH environmental footprint, providing architects and decision makers with the classic environmental life cycle data for the specific singular product: GWP, EP, AP, ODP, POCP and energy.</p>
Decision making	<ul style="list-style-type: none"> • Decision making on new standards or changes is made by the stakeholder board. This independent decision-making body with representatives from environment, society and economy, makes all relevant decisions regarding the label and standards. • This is advised by the expert advisory boards and the expert panel with academic scientists. The Service and Management gGmbH prepares the necessary templates and submits them for decision-making.
Certification	<ul style="list-style-type: none"> • Product certification by electronic controlling system. • the system is third party controlled according to the standard PS 880 of the DIW (German Institute of auditors). (also used in state biogas register and carbon trading).
costs	<ul style="list-style-type: none"> • Solidarity contribution for participants of the CoC. These are based on the number of employees in the company and ranges in average between € 300 and € 1,000 per year for SME. • These funds are used to implement the non-profit objectives of HOLZ VON HIER for public relations, actions, environmental education, training, system preservation. • No further costs for certification in companies (because of the digital system).
product groups	
product groups	<p>In principle, the HOLZ VON HIER Label affects all product groups made of wood and NaWaRo as well as building parts made of wood, wooden houses, bridges, halls and other (A1 to A4). Up to now, the focus has been on products of the 1st processing stage and processed products of medium-sized companies as well as buildings. Further product groups (for example insulating materials and paper) are being developed. Certifiable are products, but also whole objects and buildings. Thus, e.g. Wooden houses, bridges, halls and other buildings will be awarded a HOLZ VON HIER certificate.</p> <p>Softwood: Logs / Industrial wood - softwood, Coniferous roundwood - fixed lengths, coniferous roundwood - long wood, Forest residue wood - softwood</p> <p>Hardwood: Logs / Industrial wood - hardwood, Hardwood logs - fixed lengths, Hardwood logs - long wood, Forest residue wood - hardwood</p> <p>lumber / thermic treated wood, boards, window scantlings, sawnwood, raw floorboards - hardwood, planed timber, dry BSH rawlings, softwood boards, slats Glulam, Duo / Trio beams, planed wood, KVH, construction timber, MH solid wood battens, frame, raw floorboards - softwood, formwork rafter, packaging</p> <p>veneer / sawn veneer - 10 mm, Veneer - 0.6 - 2 mm, solid wood wall panels, Plywood, solid wood panels</p> <p>Components / exterior doors, inner doors, balconies, stairs, windows, wood facades</p> <p>Flooring / plank 20 mm, plank 16 mm, wide lamella parquet, planing plank, gapless board, massive deck board, wood block industrial parquet, lam parquet, prefabricated parquet, shipdeck, sports floors.</p>

... product groups	<p>Wooden houses private / Loft conversion, roofs, carport, facades, blockhouse, structural panel house, wooden houses shell construction, wooden houses, frameworks, rehabilitation work, conservatories</p> <p>Timber construction - commercial, public / renovation, roof trusses, facades, resound, wooden buildings, kindergardens, office building, sports halls, residential and apartment buildings, pavillons, a.o.</p> <p>Interior finishing - private / Interior renovation, furniture restoration, floor renovation, Floor underbody, Interior fittings of every kind, Barrier-free living, Interior wall systems, Solid wood furniture, room divider, wall coverings, ceiling coverings, Flooring</p> <p>Commercial. interior / surgeries, joinery, Interior construction public. building, shopfitting object, commercial kitchens, Hotel facilities, catering facility, wall coverings, Flooring</p> <p>Furnitures - private / solid wood furnitures, private office furniture, bathrooms, built-in furniture, Single units nursery, kitchens, living rooms a.o.</p> <p>Furniture making - commercial public / Massive office furniture, office tables, seating, canteen furniture, Nursery Furniture, Reception area furniture, Woodwork in wet areas , Built-in furniture, Interior, assecoirs, Food & Drink, Gifts, wood Art, lamps</p> <p>Sauna and wellness / sauna, sauna floors, garden area, pergolas, garden homes, garden furniture</p> <p>Wood for outdoor use / terraces, fences, city furnitures</p> <p>Sawmill residues / wood Residues, mulch, bundle of wood, sawdust, animal bedding, wood energy, firewood, wood chips, pellets, a.o.</p>
Requirements for tenderers - selected aspects	
Remarks	see below

Holz von Hier and Life cycle stages

A1: Raw material extraction.	HOLZ VON HIER products contain only wood from sustainable forestry proven by FM certificates of FSC, PEFC or comparable. Wood from exploitation and unsafe sources is excluded. Timber of globally endangered tree species according to IUCN's red list are excluded. HOLZ VON HIER product are manufactured in their entire material flow within Europe. Captured standard environmental data by the HvH Environmental Footprint for HvH products in the range A1: GWP, AP, EP, ODO, POCP, ADPE, ADPF, PERE, PENRE, water use
A2: Transports in the chain of custody - Best Practise in A2	HOLZ VON HIER products are produced above average low transport in the entire material flow. The certificate of origin documents and certifies this in conformity with the EU. The material flow is documented in real time for the specific product. There are real transports recorded, not invoiced transports as with classical EPD. EPD work here i.d.R. with Standaardatensätzen (for example, GaBi Software: 50 - 350 km), so that the real transports i.d.R. systemically strongly underestimated). A2 is thus more accurately covered by Holz than by any EPD currently on the market. Captured standard environmental data by the HvH Environmental Footprint for HvH products in the range A2: GWP, AP, EP, ODO, POCP, ADPE, ADPF, PERE, PENRE, water use
A3: Production	For HOLZ VON HIER products, in-house product data are available: energy consumption in [MJ], water consumption in [kg] and raw material consumption in [m3, m2, t]. Or there are industry production data from industry EPD for manufacturers (mostly SMEs) that do not have their own LCA data. Captured standard environmental data by the HvH Environmental Footprint for HvH products in the range of A3: GWP, AP, EP, ODO, POCP, ADPE, ADPF, PERE, PENRE, water consumption.
A4: Transports „gate to customer“	For HOLZ VON HIER products by HvH Umweltfootprint for the concrete product in real time present on the real material flow through the product. A4 is not covered by classic life cycle assessments. Captured standard environmental data by the HvH Environmental Footprint for HvH products in the area A4: GWP, AP, EP, ODO, POCP, ADPE, ADPF, PERE, PENRE, water consumption.
B: Usage	For HOLZ VON HIER products, a standard service life according to the BNB table for the respective construction product groups is given in the Environmental Footprint Accompanying Documents, as they are also used in the building assessment. Building materials such as HvH products behave inertly during the use phase, meaning they do not consume energy, water or raw materials (unlike, for example, electrical appliances or lamps) during this phase.
D: End of life	For HOLZ VON HIER products are documented in the environmental footprint Accompanying documents, the Nachnutzungsmöglichkeiten for the product groups. Since reuse also depends on installation in the building (glued or screwed, natural or lacquer, etc.), the topic of reusability also depends on the use or the exact installation in the building. HvH provides users in Infotools with a high degree of product group transparency and shows starting points for optimally environmentally friendly installation, as reuse is already decided upon when installing the building material.