

HUCK

SUSTAINABILITY made by HUCK

FOCUS ON SUSTAINABILITY –

WITH DOCUMENTED MEASURES
ALONG THE VALUE CHAIN



“BECAUSE WITH EVERY PRODUCT WE CREATE A PIECE OF OUR COMMON FUTURE”

At HUCK Seiltechnik GmbH, the development and manufacture of durable, safe playground equipment is our main focus. We not only consider technical details, but also the people who use our products. Our goal is to create places where children can play actively, develop their motor skills, and experience community.

Sustainability is an integral part of our corporate strategy — implemented through documented measures in the areas of material selection, energy use, and production processes. Every playground we design is also a contribution to the future.
We rely on high-quality materials, optimized production processes to reduce energy consumption, and manufacturing with documented measures to minimize material and energy use. Our goal is to create playground equipment that will last for generations – in terms of its function, quality, and benefit to society.

For us, sustainable action also means taking responsibility: for the safety of children, for the long-term value retention of our products, and for an environment worth living in. This awareness shapes our daily work – from the initial idea to the final assembly on site.

Valentin Huck, CEO



OUR CORPORATE CARBON FOOTPRINT AT A GLANCE

The Corporate Carbon Footprint (CCF) shows how much CO_2 our company generates – through production, energy consumption, supply chains and more.

We were one of the first companies in our industry to measure our corporate carbon footprint. Despite initial initiatives in the industry, there is a lack of clear benchmarks. Our calculation of the Corporate Carbon Footprint is based on recognized methodologies and serves to provide a transparent presentation of our emissions.

We distinguish between three areas:



This is what we do

to further reduce our CCF:

- We develop more efficient production and logistics processes
- We use renewable energies
- We expand our supply chains

Your advantages:

- Can contribute to fulfilling **sustainability criteria** in tenders
- **Building trust** with partners and customers
- Supports the communication of **sustainability** aspects to customers and partners

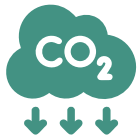


OUR PRODUCT CARBON FOOTPRINT AT A GLANCE

The Product Carbon Footprint (PCF) shows how much CO_2 emissions a product causes over its entire life cycle – from raw material extraction to disposal (cradle to grave).

Together with our specialist partner, we have carried out a detailed emissions analysis for around 250 products. Experts developed a tailor-made calculation model for this purpose – tailored to our processes and materials. The results show that our products are environmentally friendly and have a low carbon footprint.

Our carbon footprint is the result of consistent measures:

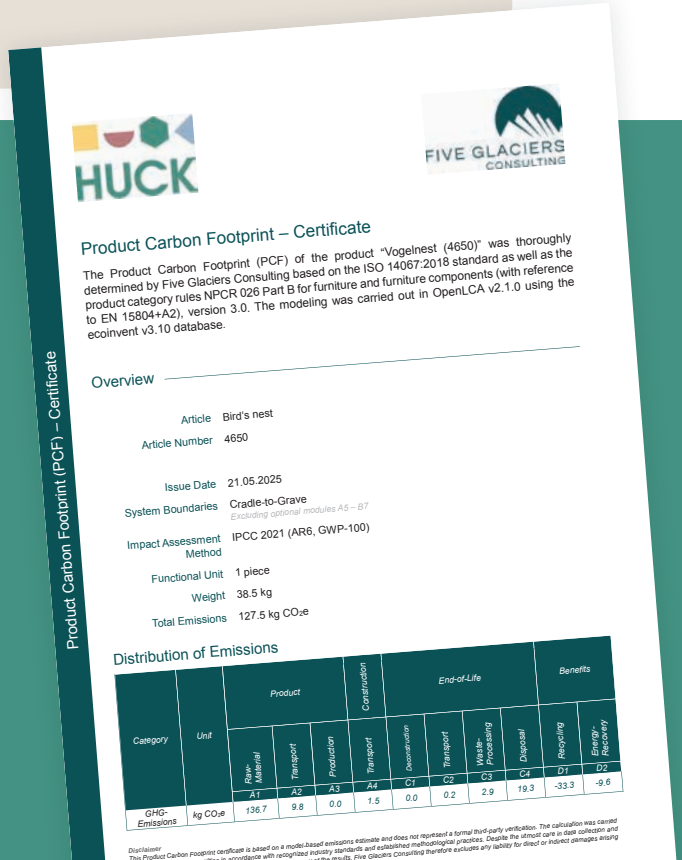




The results offer clear advantages:

- **Transparency** regarding the emissions of each product
- **Impulses** for more documented materials and processes
- **Basis** for targeted CO_2 reduction





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FIVE GLACIERS CONSULTING

Product Carbon Footprint (PCF) – Certificate

Product Carbon Footprint – Certificate

The Product Carbon Footprint (PCF) of the product "Vogelnest (4650)" was thoroughly determined by Five Glaciers Consulting based on the ISO 14067:2018 standard as well as the product category rules NPCR 026 Part B for furniture and furniture components (with reference to EN 15804+A2), version 3.0. The modeling was carried out in OpenLCA v2.1.0 using the ecoinvent v3.10 database.

Overview

Article	Bird's nest
Article Number	4650
Issue Date	21.05.2025
System Boundaries	Cradle-to-Grave *Excluding optional modules A5 – B7*
Impact Assessment Method	IPCC 2021 (AR6, GWP-100)
Functional Unit	1 piece
Weight	38.5 kg
Total Emissions	127.5 kg CO_2e

Distribution of Emissions

Category	Unit	Product			Construction	End-of-Life				Benefits	
		Raw-Material	Transport	Production	Transport	Deconstruction	Transport	Waste-Processing	Disposal	Recycling	Energy-Recovery
		A1	A2	A3	A4	C1	C2	C3	C4	D1	D2
GHG-Emissions	kg CO_2e	136.7	9.8	0.0	1.5	0.0	0.2	2.9	19.3	-33.3	-9.6

Disclaimer
This Product Carbon Footprint certificate is based on a model-based emissions estimate and does not represent a formal third-party verification. The calculation was carried out in accordance with recognized industry standards and established methodological practices. Despite the utmost care in data collection and the results, Five Glaciers Consulting therefore excludes any liability for direct or indirect damages arising

127.5
kg CO_2e

Our Bird's Nest:
With a calculated Product Carbon Footprint

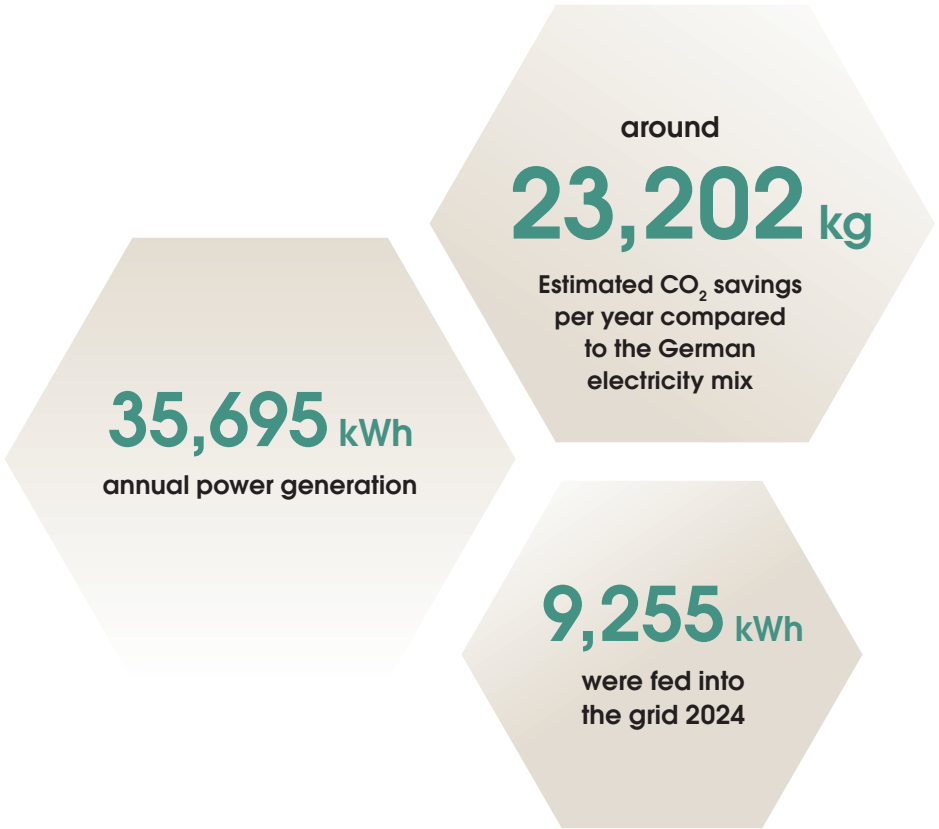
It serves as an example product for our data-driven development toward lower-emission products. A strong contribution to sustainable playground projects in public and private spaces.

Shaping the future – with playground equipment that takes responsibility.

SUSTAINABLE WITH SOLAR ENERGY – OUR CONTRIBUTION TO CLIMATE PROTECTION

We harness the power of the sun: 27.9% of our electricity needs are covered by our own photovoltaic system – a clear step towards sustainable and independent energy supply.

Since 2010, the PV system has been supplying environmentally friendly energy for our production. In combination with our combined heat and power plant (CHP), which generates both electricity and heat, we are effectively reducing emissions and lowering costs in the long term.



Your advantages:

- Lower **project CO_2 footprint**
- **Cost certainty** thanks to fewer price fluctuations
- **Reliable supply** thanks to stable production



A PHOTOVOLTAIC SYSTEM

converts sunlight into electricity and thus actively contributes to reducing CO_2 emissions. Our CHP unit ensures that we also generate heat at the same time, thus increasing energy efficiency.

PLAY SAFELY – SUSTAINABLY PROTECTED

We want children to be able to play without a care.
We use materials that are free from PAHs and comply with applicable safety and quality standards.



Our wood comes from FSC- and PEFC-certified forestry

- ✓ Careful forest management with consideration for nature and biodiversity
- ✓ Only as much wood as can be regrown
- ✓ Regional sourcing and fair supply chains



Recycled rope – sustainability that connects
Our recycled rope is made from 100% post-consumer material (recycled plastic from used products) — tested and approved for use in playground equipment. In this way, we are making an active contribution to the circular economy, reducing waste, and conserving valuable resources.

Consistently against PAHs
PAHs (polycyclic aromatic hydrocarbons) are carcinogenic and have no place in playground equipment. Since 2021, we have been testing all materials and only using those that are free of PAHs and meet the highest safety standards – without compromise.



Why it matters:

- ✓ Waste becomes a resource:
  Our recycled rope shows how trash can be turned into sustainable play equipment.
- ✓ Shaping the future: We are constantly working to use even more recycled materials.



OUR VISION: PLAY EQUIPMENT WITH RESPONSIBILITY

At HUCK, we rely on materials that are safe, free of harmful substances, and environmentally friendly – for the future of our children and our planet.

Your advantages at a glace:

- PAH-free materials for safe playgrounds
- Durable & resource-efficient – lower follow-up costs
- Certified wood origin (FSC/PEFC) for your documentation
- Contribution to the circular economy through recycled materials

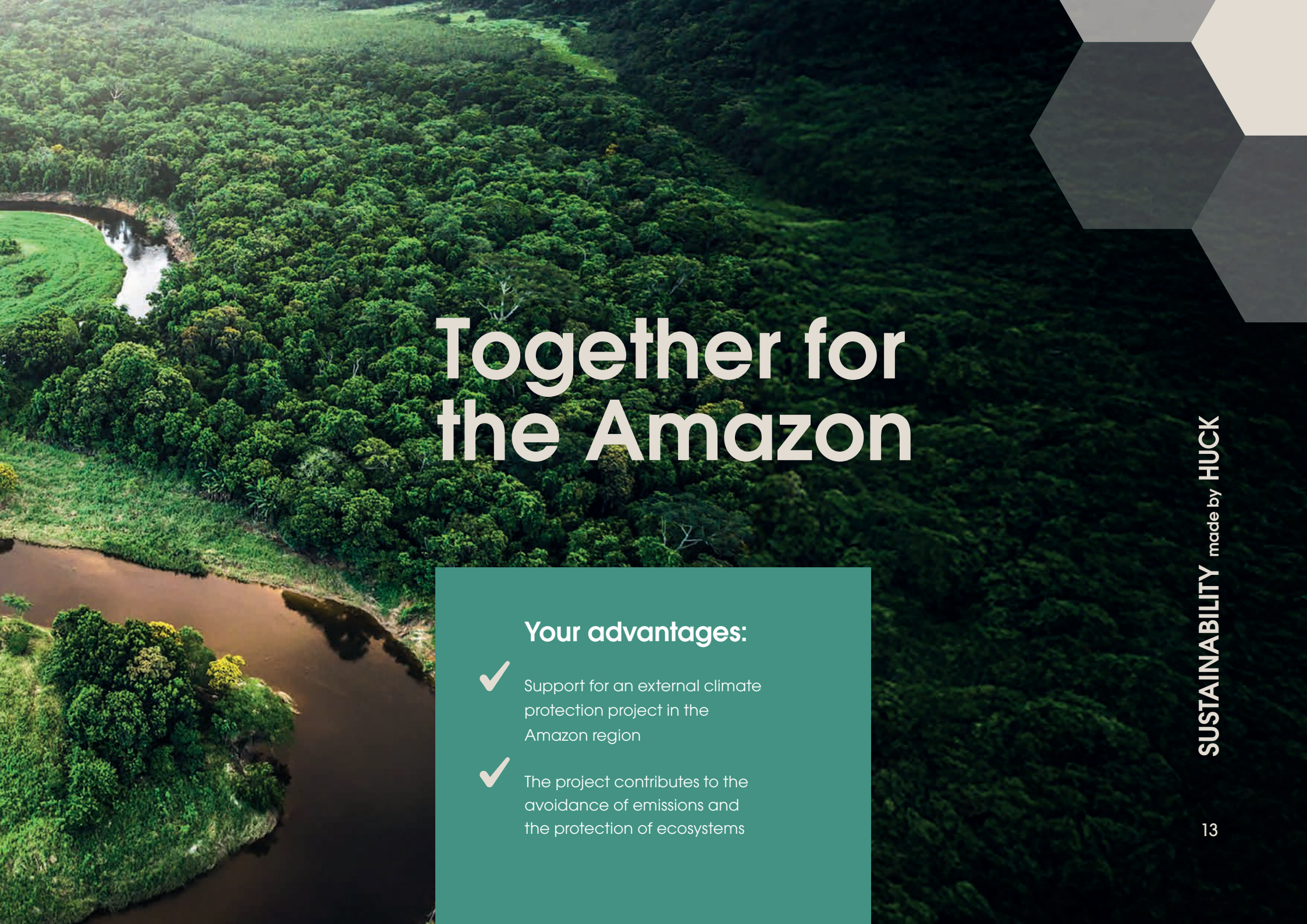
Since 2019, we at HUCK have been supporting our partner's climate protection project "Madre de Dios" in the Peruvian Amazon region – one of the most important CO_2 storage areas in the world.

The project not only protects endangered species, but also preserves the habitat of indigenous peoples from illegal deforestation and road construction.

Strong impact on the climate and society:



The project impact should be considered independently of our own emissions.



Together for the Amazon

Your advantages:

- Support for an external climate protection project in the Amazon region
- The project contributes to the avoidance of emissions and the protection of ecosystems

OUR PATH TO 2035

From analysis to implementation

Reducing greenhouse gas emissions is a long-term commitment that requires reliable data and clearly defined targets. That is why we have developed a Climate Transformation Plan, which provides the foundation for our future strategic direction.

The plan is based on a greenhouse gas inventory prepared in accordance with recognised standards, as well as an analysis of future developments. It considers direct emissions from our own facilities and vehicles, along with energy-related emissions from purchased electricity (Scope 1 and Scope 2).

Our goal

The baseline year has been set as 2025. By 2035, we aim to reduce our Scope 1 and Scope 2 emissions by 40% compared to this baseline.

This target is aligned with the requirements of the German Federal Office for Economic Affairs and Export Control (BAFA) "Transformation Plan" funding module and serves as a guideline for the future development of our company.

Planned measures

To achieve this goal, several measures have been identified and prioritised, including:

- Further transition to electricity generated from renewable energy sources
- Optimisation of the energy supply for existing facilities
- Gradual electrification of selected vehicles
- Electrification of industrial trucks and material handling equipment
- Continuous evaluation of additional technical opportunities to reduce emissions

Our Focus Areas:

Energy Efficiency

Conscious use of energy and innovative solutions help to reduce CO_2 emission.

Saving Water

Water dispensers instead of plastic bottles – for clean water without waste.

Reforestation

Every tree counts. We actively support reforestation projects for our climate protection.



TRANSPARENCY & PROGRESS MONITORING

A Climate Transformation Plan is not a one-time project, but an ongoing process. Progress is therefore reviewed and documented on a regular basis. This enables us to adapt measures where necessary and incorporate new developments.

With this roadmap, we create transparency regarding our targets, planned measures and our path towards 2035.



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TOGETHER FOR TOMORROW –

SUSTAINABILITY WITH CONCRETE MEASURES FOR RESOURCES, ENERGY, AND DURABLE PRODUCTS.

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