

# HUCK



## FOCUS ON SUSTAINABILITY –

Our contribution to a green future



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

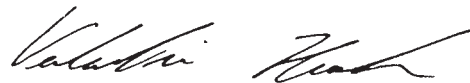
At HUCK Seiltechnik GmbH, the development and manufacture of durable, safe playground equipment is our main focus. We not only consider technical details, but also the people who use our products. Our goal is to create places where children can play actively, develop their motor skills, and experience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

Sustainability is a central component of our corporate philosophy. Every playground we design is also a contribution to the future. We rely on high-quality materials, energy-

efficient processes, and resource-saving production. 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<sub>2</sub> 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 certification provides guidance and promotes transparency.

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



sustainable

## Your advantages:

- ✓ Fulfilment of **sustainability criteria** in tenders
- ✓ **Building trust** with partners and customers
- ✓ **Strengthening your image** as a responsible company



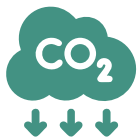
TRANSPARENT AND FORWARD-LOOKING

## OUR PRODUCT CARBON FOOTPRINT AT A GLANCE

The Product Carbon Footprint (PCF) shows how much CO<sub>2</sub> 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 climate-friendly materials and processes
- ✓ **Basis** for targeted CO<sub>2</sub> reduction



### 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 <small>Excluding optional modules A5 – B7</small>
Impact Assessment Method	IPCC 2021 (AR6, GWP-100)
Functional Unit	1 piece
Weight	38.5 kg
Total Emissions	127.5 kg CO <sub>2</sub> e

#### Distribution of Emissions

Category	Unit	Product										End-of-Life		Benefits	
		Raw Material	Transport	Production	Construction	Operation	Transport	Waste-Processing	Disposal	Recycling	Energy-Recovery				
		A1	A2	A3	A4	C1	C2	C3	C4	D1	D2				
GHG-Emissions	kg CO <sub>2</sub> e	136.7	9.8	0.0	1.5	0.0	0.2	2.9	19.3	-33.3	-9.6				

Disclaimer:  
The 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 analysis, Five Glaciers Consulting therefore excludes any liability for direct or indirect damages arising from the use of the certificate.

127.5  
kg CO<sub>2</sub>e

## Our Bird's Nest: certified sustainable

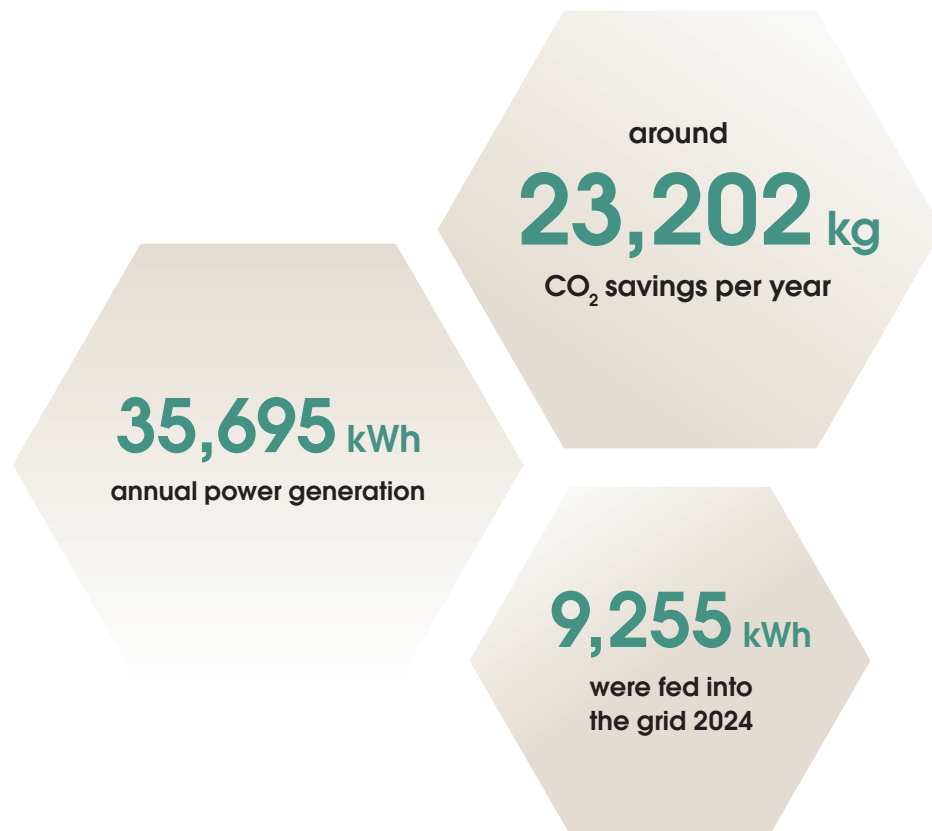
is therefore a showcase product for the climate-conscious orientation of our development – and a strong contribution to sustainable playground projects in public and private spaces.

Shaping the future – with playground equipment that takes responsibility.

## ENERGY

# 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<sub>2</sub> 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<sub>2</sub> emissions. Our CHP unit ensures that we also generate heat at the same time, thus increasing energy efficiency.



## SUSTAINABLE MATERIALS

# PLAY SAFELY – SUSTAINABLY PROTECTED

We want children to be able to play without a care – that's why at HUCK we use only safe and pollutant-free materials.



### **Sustainable wood for a healthy future – 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 – i.e. recycled plastic from used products. 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.



sustainable

### Your advantages at a glance:

- ✓ 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

**SUSTAINABILITY** made by **HUCK**



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<sub>2</sub> 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:

### Protection of biodiversity

and sustainable forest management

**690,000**

tons CO<sub>2</sub> are saved annually by the project

Support for education & income

of the local population





# Together for the Amazon

## Your advantages:

- ✓ Demonstrable influence on CO<sub>2</sub> reduction
- ✓ Contribution to global sustainability



# WORKING TOGETHER FOR A SUSTAINABLE FUTURE

At HUCK, sustainability is not an option, but a responsibility. We are committed to the principle of **reduce – reuse – recycle** and show how each individual can contribute to the future of our planet.



## Our Focus Areas:

### Energy Efficiency

Conscious use of energy and innovative solutions help to reduce CO<sub>2</sub> emission.



# OUTLOOK

We understand sustainability as a continuous process. Therefore, we plan to regularly determine our Corporate Carbon Footprint (CCF) in order to transparently document our progress and identify new fields of action.

In addition, we are working on a comprehensive climate strategy that formulates

concrete targets for reducing our emissions. In connection with this, we are developing a transformation plan that outlines the path toward a more sustainable corporate orientation – with clear measures, timelines, and responsibilities. This ensures that our commitment to the environment and climate does not end with individual measures but is structurally integrated into our thinking and actions – today and in the future.



## Saving Water

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



## Reforestation

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



# HUCK

## TOGETHER FOR TOMORROW – SUSTAINABILITY THAT PROTECTS OUR WORLD AND YOUR FUTURE.



UD8

[www.blauer-engel.de/uz195](http://www.blauer-engel.de/uz195)

Dieses Druckerzeugnis ist mit  
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Design: [www.provinzgloeck.com](http://www.provinzgloeck.com)

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