



SUSTAINABILITY REPORT 2023



S U S T A I N A B I L I T Y

FOR THE FUTURE

KOHLSCHEIN has been active in the production, processing and distribution of paper, cardboard and paperboard materials since 1932.

As a family business with a long-term focus, we are aware of the social necessities of sustainable use of natural resources, responsible procurement and social justice and have committed ourselves to these principles in order to achieve holistic sustainability.

R E P O R T 2 0 2 3

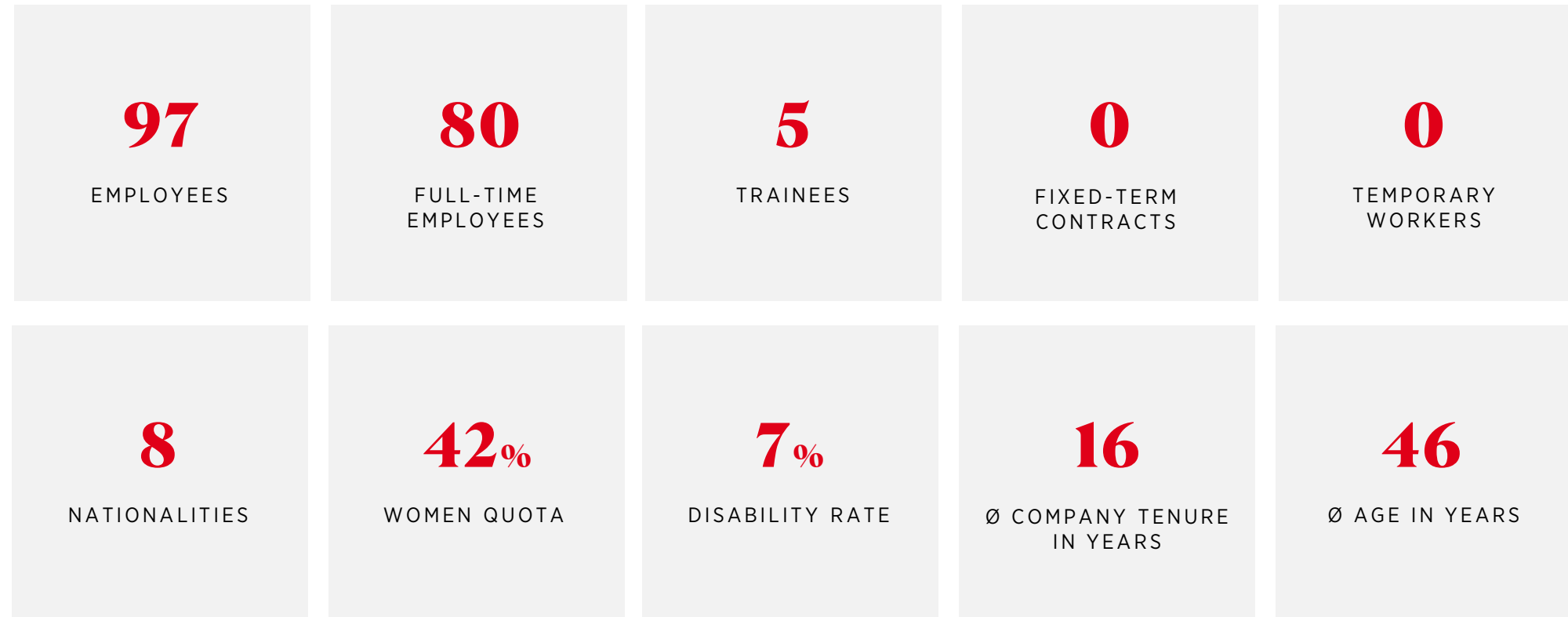
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PEOPLE AT KOHLSCHEIN

OUR TEAM IN NUMBERS

Since its founding in 1932, KOHLSCHEIN has remained a family-owned company, now in its 4th generation.



SOCIAL RESPONSIBILITY

We want to create fair working conditions, promote the health and well-being of our employees and strengthen social cohesion. By focusing on fair pay, equal opportunities and the promotion of training and development, we contribute to social stability while ensuring the long-term success of our company.



The following documents define the behaviour, values and standards in various areas. They form the basis of our actions and are accessible to all employees at all times:

- Corporate Mission Statement
- Code of Conduct
- Working Guidelines

SOCIAL COMMITMENT

We see ourselves as part of society, and therefore social engagement has been an integral part of our identity for many decades.

We take on diverse social responsibilities as an employer, as a training company, and as a neighbor in our community. This includes supporting local clubs in sports or carnival activities through monetary or material donations, as well as organizing regular donation campaigns involving our entire workforce.



In 2022, among other initiatives, we provided:

- Donations of money and goods for the children's festival in Viersen-Süchteln
- Financial sponsorship for the "Kultur- und Sommerbühne" stage programme of the city of Viersen

C O M P A N Y

FEEL GOOD-MANAGEMENT

Healthy and motivated employees are the driving force behind our company.
Therefore, we prioritize measures for health promotion, stress reduction, and team building.



Protective equipment (work shoes, safety vests, ear protection, etc.)



Hybrid working



Company doctor



Break rooms



Occupational pension scheme



Company celebrations and team events



E-Bike (JobRad Leasing)



Fruits and vegetables once a week

S U S T A I N A B I L I T Y

PROMOTION OF YOUNG TALENT

We want to inspire the next generation for the benefit of our company. As a recognized training company, we offer sound training with a focus on promoting young talent. Through practical tasks and the support of experienced specialists, we want to guarantee our trainees a sustainable qualification for a successful professional future. Young people can also get to know our company alongside their training - either in the form of an internship, as part of career orientation or with a part-time job (student job/holiday work).

4 Apprenticeships we offer:

Industrial Clerk (m/f/x)

Media Technologist (m/f/x)

Packaging Technologist (m/f/x)

IT Specialist for
application development (m/f/x)

CERTIFICATIONS

S U S T A I N A B I L I T Y

FSC® AND PEFC CERTIFICATION

FSC® and PEFC are international forest certification schemes to promote ecologically, socially and economically sustainable forest management around the world. As a responsible manufacturer of sustainable board qualities, we have been offering our customers FSC®- and PEFC-certified materials since 2010.



Das Zeichen für
verantwortungsvolle
Waldwirtschaft

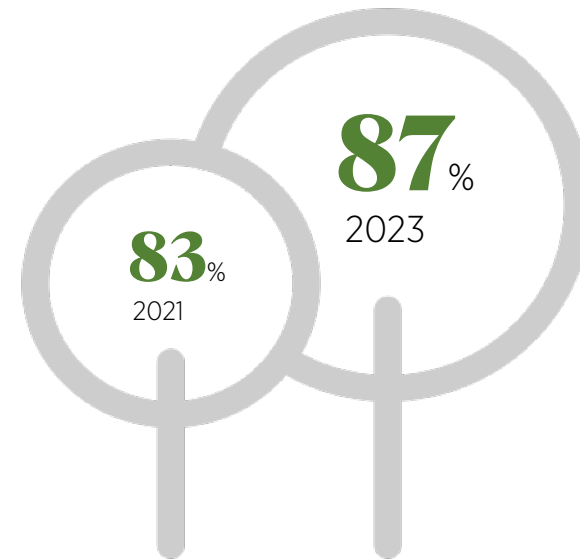
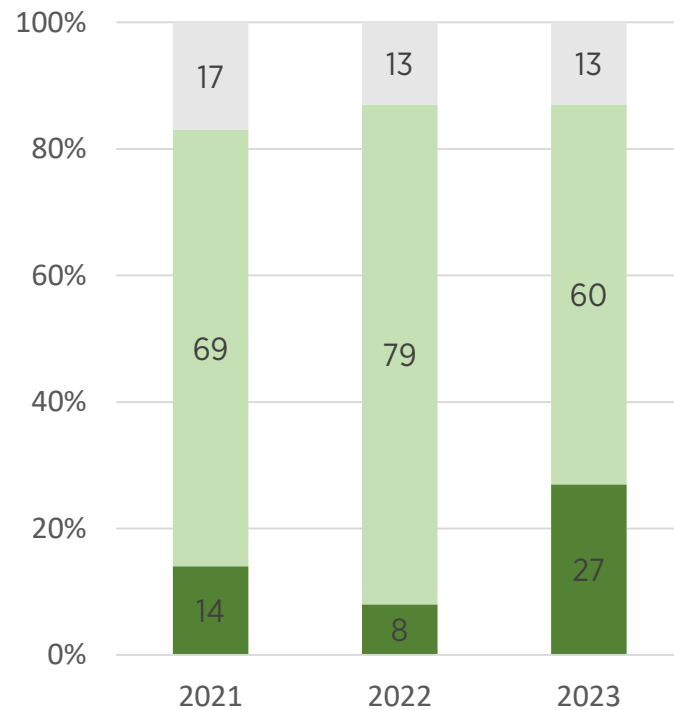


Förderung
nachhaltiger
Waldbewirtschaftung

S U S T A I N A B I L I T Y

SHARE OF FSC® / PEFC

Without certification FSC® certification PEFC certification



Percentage share of our purchased materials with FSC® and PEFC certification

S U S T A I N A B I L I T Y

ISEGA-CERTIFICATION

ISEGA is an internationally free independent testing and certification institute for industry AND retail.

Our products EKA Board, KROMA® Natural White and KROMA® Kraft have been classified by ISEGA as food safe and suitable for contact with dry, non fatty food.

Furthermore, they are certified according to European standard DIN EN 71 as safe material for toys and can be used for puzzles, board games, toy packaging etc.

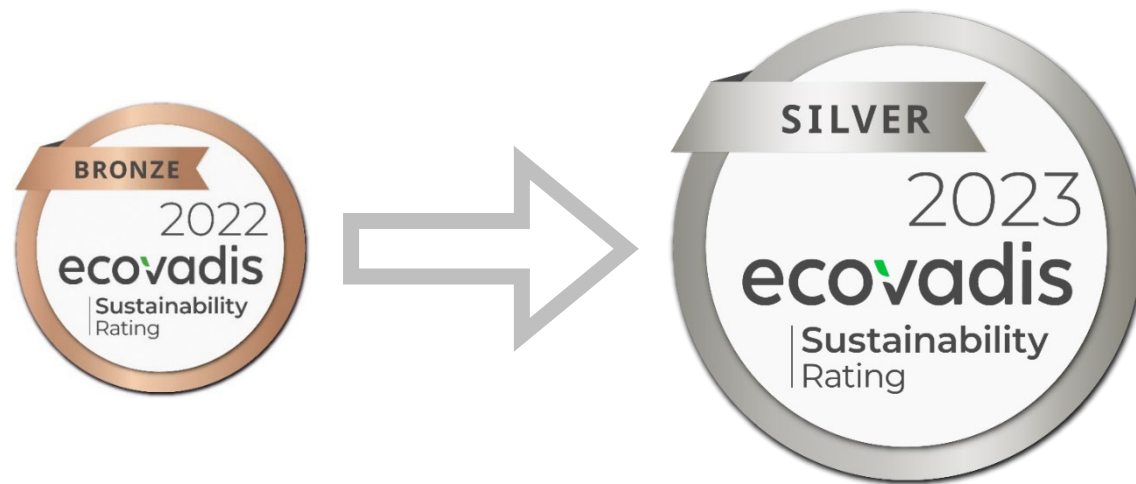


S U S T A I N A B I L I T Y

CSR-RATING

Ecovadis is the world's most trusted provider of sustainability assessments and smart, collaborative tools to improve the performance of global supply chains.

We are proud to be part of this network and to provide actionable scorecards, benchmarks and other tools to improve environmental, social and ethical practices and transparency.



In 2023, we improved our score and were awarded the silver medal for our commitment to sustainability.

NEWS 2023

DIN ISO 9001:2015

DIN ISO 9001:2015 is a worldwide approved standard that defines requirements for effective quality management in a company that has an impact on performance, speed and profitability.

In 2023, we successfully passed the re-certification audit.



PRODUCTS

S U S T A I N A B I L I T Y

SUSTAINABLE PRODUCTS

We are a manufacturer of environmentally friendly and high-quality paper & board materials for signs, displays, packaging and industrial applications.



DESCRIPTION

- We use only renewable raw materials:
100% Paper fibres, cellulose, ECF-bleached pulp, wood pulp
- FSC® or PEFC certified
- 100 % recyclable
- Easy and cost-effective disposal as waste paper
- Environmentally friendly and sustainable alternative to plastic sheets



S U S T A I N A B I L I T Y

PRODUCT OVERVIEW

KROMA® Displayboard	✓	✓	optional	-	-	-	-	-	✓
KROMA® Kraft	✓	✓	-	✓	✓	-	✓	-	✓
KROMA® Natural White	✓	✓	-	✓	✓	-	✓	-	✓
KROMA® Outdoor	✓	✓	-	-	-	-	-	-	✓
KROMA® All Black	✓	-	✓	-	-	✓	✓	-	✓
KROMA® All White	✓	-	✓	-	-	-	-	✓	✓
KROMA® White-Black-White	✓	-	✓	-	-	✓	-	✓	✓
KROMA® Inkjet Pro	✓	-	✓	-	-	-	-	-	✓
STUDIOCARD® 2S	✓	-	✓	-	-	-	-	-	✓
STUDIOBOARD®	✓	-	optional	-	-	-	-	-	✓
EKA Holzpappe	✓	✓	optional	✓	✓	-	✓	-	✓

* Isega-certified for contact with dry, non-fatty foodstuff and toys

RESPONSIBILITY FOR THE FOREST

Our aim is to manage our forests responsibly and maintain ecological balance.



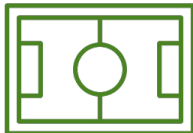
Our raw materials come from sustainable forestry

Our materials are FSC® and PEFC-certified. This means that the raw materials come from responsibly managed forests. These certifications ensure the protection of biodiversity, ecosystems and the rights of indigenous peoples, and help to reduce deforestation and combat climate change.



No natural forests are cleared for our products

We use paper and cardboard raw materials made from primary and virgin fibres. These come mainly from sawmill waste, plantation wood or thinned wood. No natural forests are cleared in the production of pulp from plantation wood*.



The use of our materials actively promotes forest reforestation

European forests used for the manufacture of wood-based products are growing by an area equivalent to 1500 soccer pitches every day. Today, European forests are 30 percent larger than they were in the 1950s.*

RESPONSIBILITY FOR THE FOREST

Our aim is to manage our forests responsibly and maintain ecological balance.



Sustainable procurement

On June 29, 2023, the EU Regulation on the supply of certain raw materials and products associated with deforestation and forest degradation (Deforestation Regulation, EUDR) came into force.

According to the EUDR, companies may only import or export certain products and raw materials into or from the EU if they have received a due diligence declaration from the supplier stating that a product does not originate from an area deforested after December 31, 2020 and has not led to any other deforestation after this date.

Companies must also prove that human rights and the rights of indigenous peoples are respected during production. Furthermore, producers must provide geo-information data that shows where the respective cultivation areas are located. This allows the accuracy of the declaration to be verified using satellite data, for example.

We respect the EU Deforestation Regulation (EUDR) in our procurement and therefore require our raw material suppliers to provide appropriate evidence or due diligence declarations regarding compliance with this regulation.

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RECYCLING LOOP

The recycling loop works by returning recyclable materials to the production process in order to conserve resources, reduce waste and minimise environmental impact. Our products support this concept perfectly.



Easy disposal

Our products are made from renewable raw materials and can simply be disposed of as wastepaper and thus returned to the recycling loop.



Less glue thanks to long fibres

The long fibres of our high-quality products are particularly valuable because, compared to short fibres, less glue is required to hold the fibres together.



Valuable raw material for new recycling products

No waste is generated during the production of our KROMA® and EKA materials. All production-related paper waste is a high-quality secondary raw material for further recycled products. The fibres of these raw materials can be kept in the recycling loop for a long time, which increases the life cycle of paper fibres many times over within the entire value chain and thus protects the environment.

WASTE MANAGEMENT

WASTE TYPES AND SEPARATION

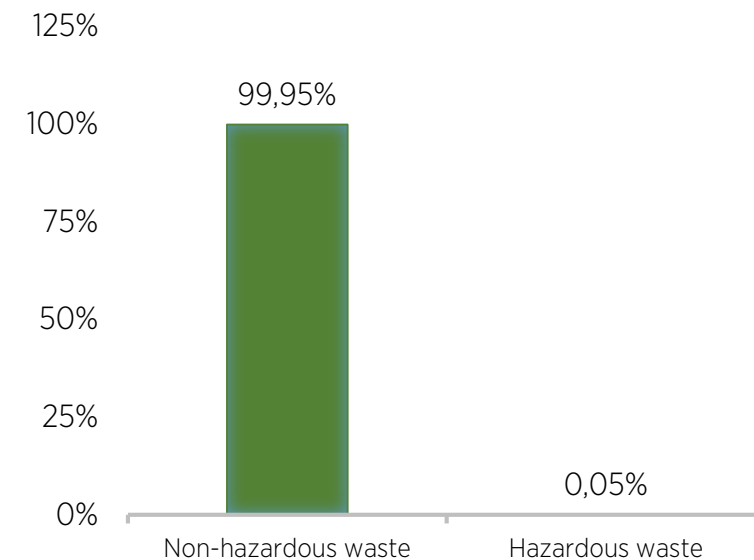
Through consistent waste separation, we reintroduce recyclable materials into the recycling loop.

Waste that cannot be recycled by us and is defined as hazardous waste according to the European Waste Directive (EWD) is evaluated by us, sorted in a pure form and handed over to specialised incineration facilities and collection points for disposal.

WASTE TYPES IN TONS

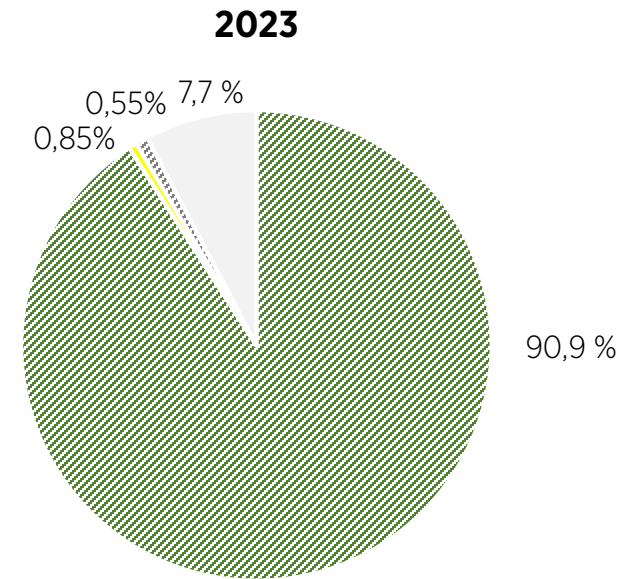
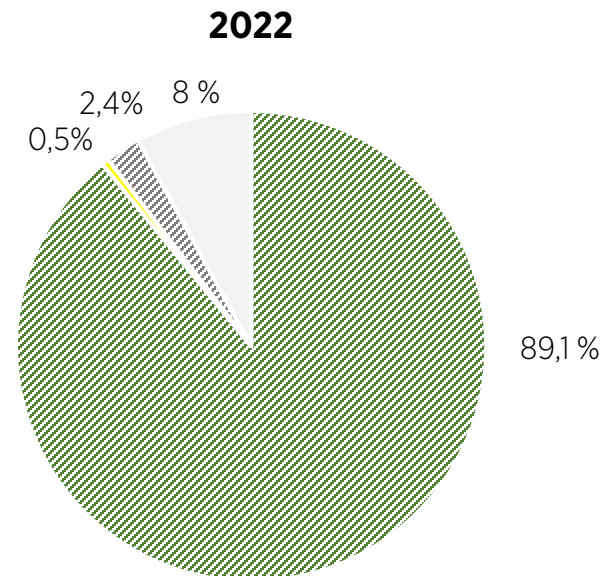
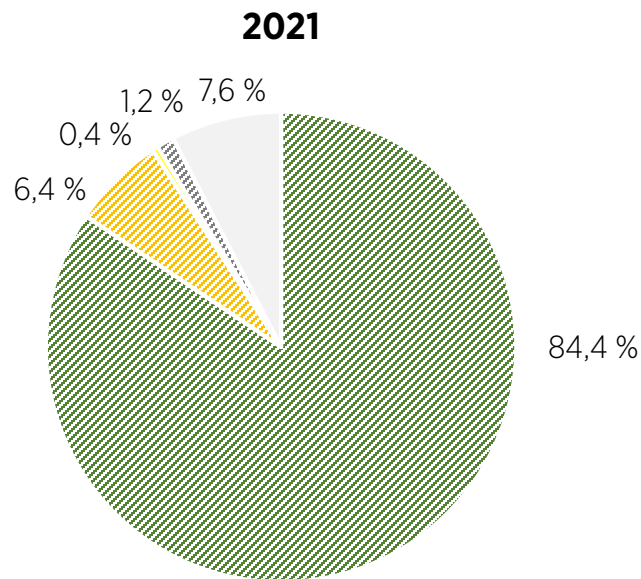
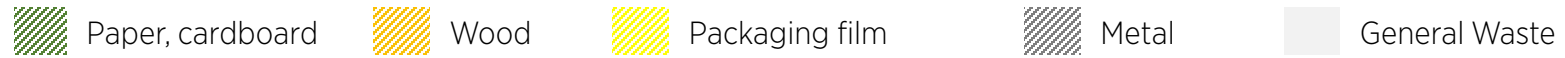
	2021	2022	2023
Paper, cardboard	566	610	532
Wood	43	0	0
Packaging film	3	3,4	3,2
Metal	8	16	5
General waste	51	51	45
Hazardous waste	1,3	0,7	0,3

RATIO IN 2023



MATERIAL RECYCLING

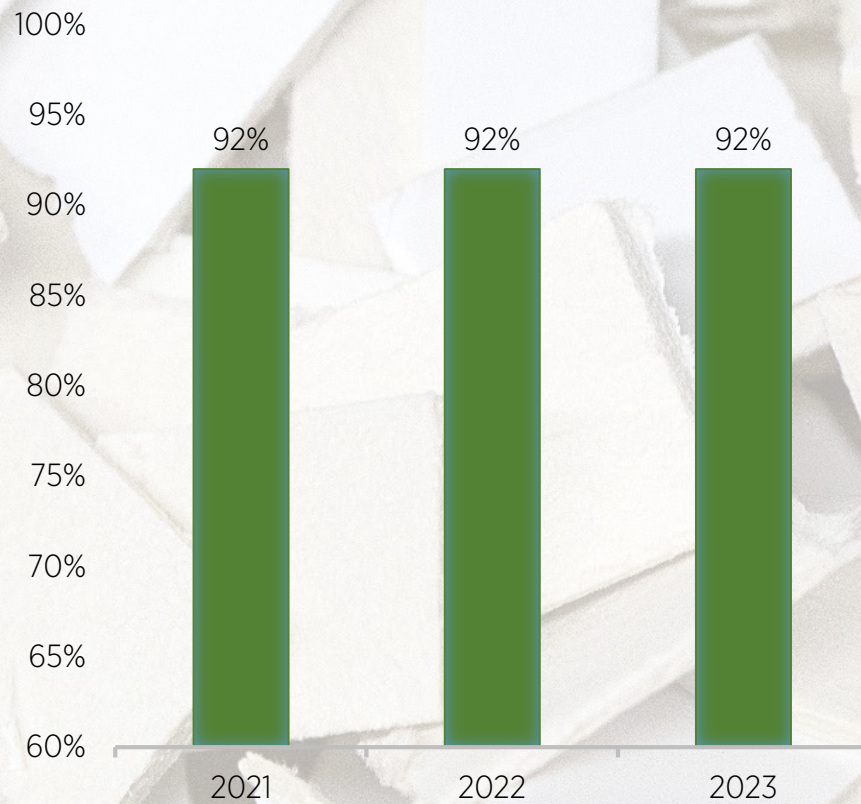
Percentage of waste types (excl. hazardous waste):



S U S T A I N A B I L I T Y

RECYCLING RATE

RECYCLING RATE IN %



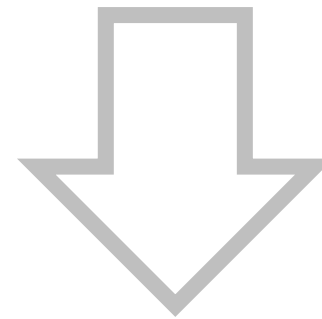
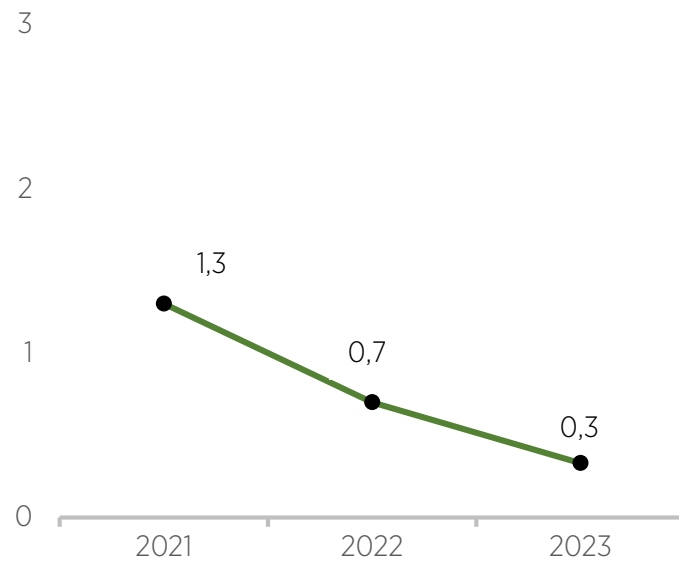
On average

92%

of our recyclable waste has been recycled in the last 3 years.

HAZARDOUS WASTE

HAZARDOUS WASTE IN TONS



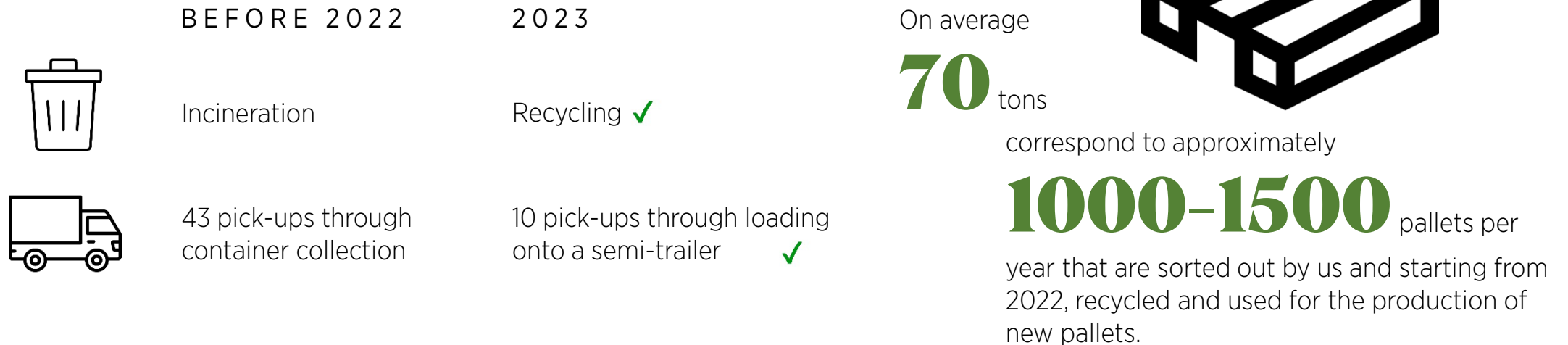
-75%

Reduction of Hazardous waste
from 2021 zu 2023

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PALLET RE-USE

Since 2022, we have been working with Greenport Pallets, a company that builds new pallets from our discarded ones. This way, we give our waste a new life and also save on CO2 emissions and costs.



RESOURCES

S U S T A I N A B I L I T Y

RENEWABLE ENERGY

We use **100% green electricity** from certified hydropower and also produce **up to 300.000 kWh solar power** p.a., with our photovoltaic system, which corresponds to **over 84%** of our annual electricity needs.

In this way we contribute to climate protection and the expansion of renewable energies.



ÖKOSTROM BESCHEINIGUNG

Strom aus 100% TÜV-SÜD EE zertifizierten Erzeugungsanlagen

Das Unternehmen*

KOHLSCHEIN GmbH & Co. KG
Feldstraße 9
41749 Viersen

leistet mit der Wahl des mwenergy Ökostromtarifs einen Beitrag zur Nachhaltigkeit, Klimaschutz und zum Ausbau regenerativer Energien.

mwenergy GmbH bestätigt hiermit für den Lieferzeitraum

01.01.2023 - 31.12.2025

den Bezug von 100% Naturstrom.

ppa Christian-Marie Sagner
Bereichsleitung Vertrieb und Handel
mwenergy GmbH

TV Oliver Marjanovic
Abteilungsleiter Vertrieb Geschäftskunden
mwenergy GmbH

mwenergy
Eine Marke der Stadtwerke
Meerbusch & Willich

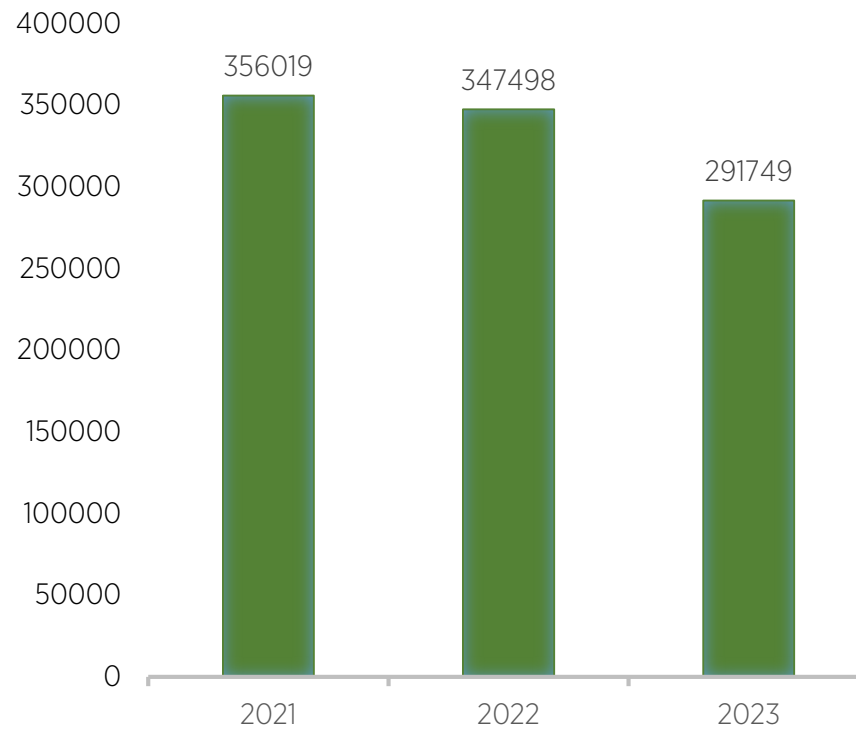
*Die entsprechenden
Abnahmestellen sind
in der Anlage aufgeführt.



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POWER CONSUMPTION

POWER CONSUMPTION IN KWH

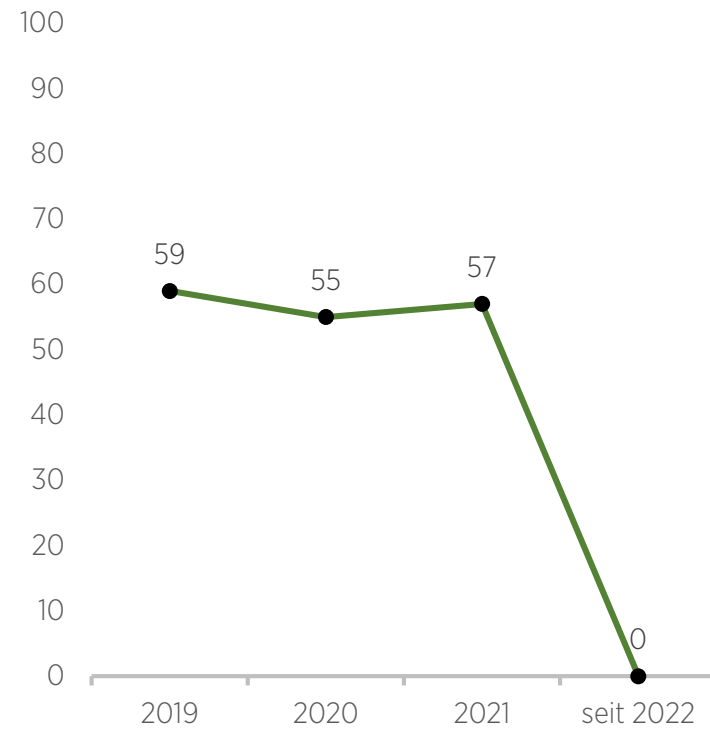


-18%

Reduction of power
consumption since 2021

CO2 EMISSIONS

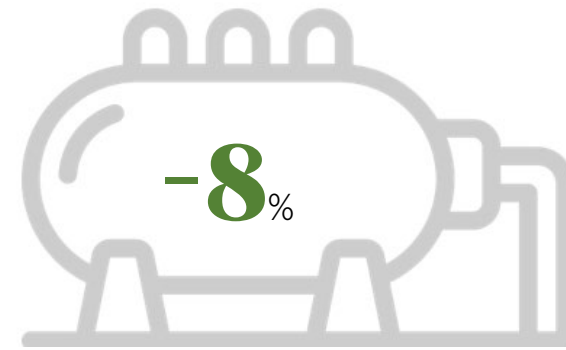
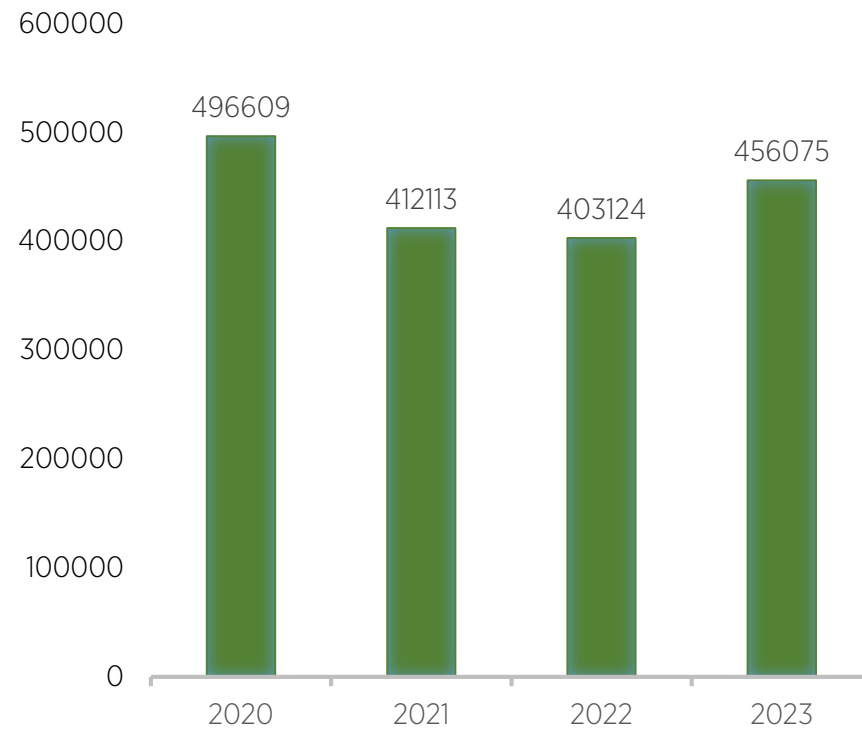
CO2 EMISSIONS IN TONS



Reduction in CO2 emissions since 2022 due to the switch to purchasing renewable energy.

POWER CONSUMPTION

GAS CONSUMPTION IN KWH

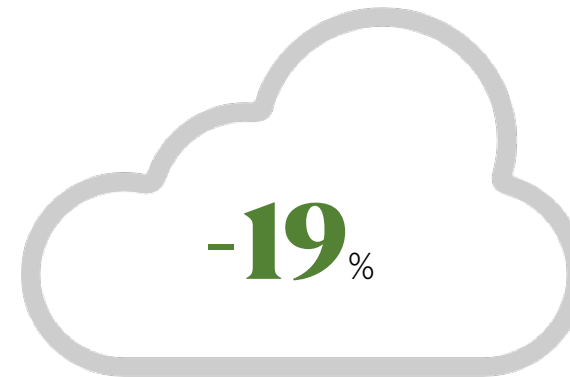
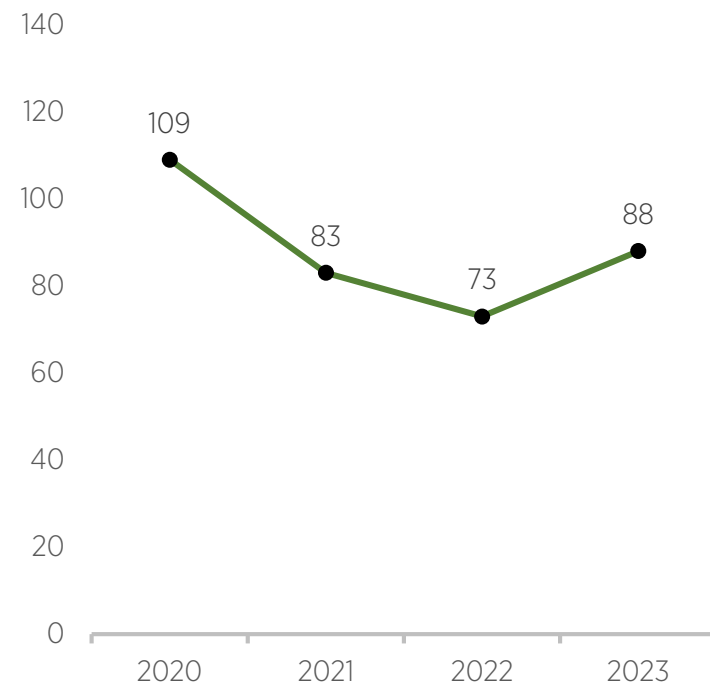


Reduction of gas consumption since 2020

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CO2 EMISSIONS GAS

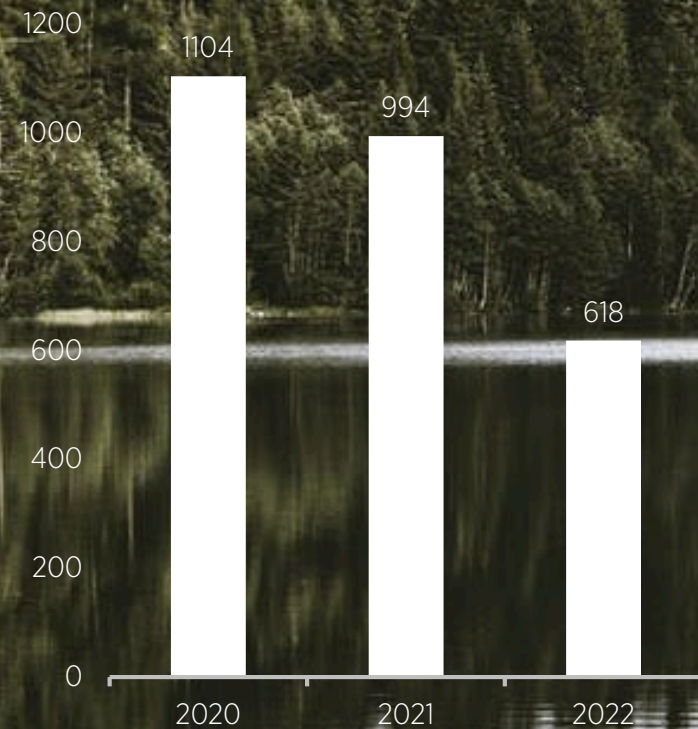
CO2 EMISSIONS IN TONS



CO2 emission savings since 2020

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WATER CONSUMPTION

WATER CONSUMPTION IN M³

About

-44%water savings since
2020

Annual values for water consumption are not communicated to us until the middle of the following year. Therefore, no values for 2023 can be published yet.

SUSTAINABLE MEASURES

We continuously work towards saving energy, thus operating in a more resource-efficient and cost-effective manner.



Conversion of our fleet of vehicles to electric.

3

Currently in use



Introduction of digital tools to save energy and resources (absence.io, Trello, sharepoint etc.)



New guidelines for saving energy (heating, air conditioning, electricity, etc.)



18

E-bike hire via JobRad Leasing



Installation of car charging points from 2 to

4



Retrofitting our workspaces with energy-saving LED lighting



approx. 80 % completed

C O M P A N Y

SUSTAINABLE MEASURES

We are always looking for environmentally friendly alternatives to plastic or disposable items, such as:



Paper-based packaging tape
for selected products and
packaging



Paper-based delivery note
pouches for all packages



Stickers for Marketing and
Shipping made from
paper-based materials



Reusable employee gifts such as
bottles or travel cups made of
stainless steel

IMPLEMENTED AND PLANNED PROJECTS

IMPLEMENTED PROJECTS

TARGET FIELD	MEASURES	PLANNED	STATUS
Employees Health care	Purchase and installation of defibrillators	2023	✓ done
Employees Health care	Updating occupational health and safety (appointment of officer, updating risk assessments, creation of catalog of measures)	2023	✓ done
Employees Health care	Fire safety update (training of fire safety assistants, evacuation exercises, optimization of fire extinguisher labelling)	2023	✓ done
Employees Health care	Survey on the topic of “Mental stress in the workplace”	2023	✓ done
Company Improvement of environmental rating	Processing and implementation of further measures to improve Ecovadis’ status from bronze to silver	2023	✓ done
Climate protection Supporting the use of electro mobility	Installation of additional charging stations throughout the company premises	2023	✓ done

PLANNED PROJECTS

TARGET FIELD	MEASURES	PLANNED	STATUS
Employees Survey satisfaction	Introduction of anonymous employee surveys	2023	In progress
Products Review of packaging optimisation	Analysis of optimisation opportunities for product packaging and implementation of improvement measures	2023	In progress
Company Improvement of environmental rating	Handling and implementation of additional actions to improve the Ecovadis status from silver to gold	2024	Open
Climate protection Energy production	Complete conversion of workspaces to LED lighting	2024	In progress
Climate protection Expansion of renewable energies	Feasibility study on the installation of a photovoltaic system on the roofs of factory 1	2025	In progress
Employees Further training	Expand internal training courses to further develop and promote employee skills	2025	Open

SUSTAINABLE AT HEART
CREATIVE IN MIND
INNOVATIVE IN ACTION

KOHLSCHEIN
SINCE 1932