



2024 fiscal year

Sustainability is at the heart of our company. This report provides a voluntary self-disclosure of our ESG activities during the **2024** fiscal year. The report follows the reporting standard as set out in the German Sustainability Code (DNK) and is intended for our customers and all interested stakeholders who would like to learn more about our corporate sustainability practices and the industry. We have published a non-financial report on our ESG activities annually since 2020.



The Management Team of mac. brand spaces Stefan Trieb (CEO), Jörg Bürkle (COO), Melanie Hagedorn, Klaus Pieper, and Alexander Ody

Dear Readers,

In the 2024 fiscal year, we achieved two additional major milestones that will, in future, further strengthen us as an environmental company that is based on social values.

In spring, we completed → ISO 20121 certification for sustainable events management, becoming the first companyin our market to do so along the entire value creation chain: from consulting to production, logistics, and assembly. Duringthe two-year certification process, we fundamentally reviewed and adapted our management processes. Through numerous workshops, we involved allcompany departments and all employee levels, because, after all, sustainability thrives on the participation of everyone. The auditors confirmed that we have done some pioneering work in this area.

We also achieved → <u>AOK Silver certi-</u><u>fication</u> for companies with excellent workplace health. This positive result was achieved through a comprehensive package of measures and services, such as new, flexible working time models and accounts, and our family service for family and personal emergencies. These initiatives relieve pressure on our employees during stressful situations – and measurably reduce absences and employee turnover, the latter of which is very low compared to industry and regional benchmarks.

From years of experience, we know that when sustainability is pursued consistently, credibly, and prudently, it benefits all stakeholders and has positive economic impacts. This is how we were able to conclude our 2024 fiscal year above target yet again. Sustainability-focused business practices minimize risks, promote innovation, strengthen customer relationships, and therefore clearly do not conflict with healthy economic development. High levels of customer satisfaction and many successful pitches in the last year show us that we are on the right path.

Another important step on this journey for us was our → <u>acquisition of STAND-</u> <u>out GmbH</u> based in Salzburg, which we completed at the end of the year. This enabled us to strengthen the solutions we offer in the European trade fair and events organizer business. STANDout GmbH, which employs around 130 members of staff, is also driving forward sustainable events management. As one of the leading companies in its market, it received Umweltzeichen.at, an Austrian eco label – one of many reasons why it's such a good fit for us.

With all this momentum and confidence, we are looking forward to an exciting events year in 2025 together with you!

attitude.

a trend

lt's an

The trade fair industry is the stage for personal exchange, networking, and fostering and nurturing business relationships.

Trade fairs bring people, markets, and ideas together, creating around 231,000 additional jobs annually in Germany alone¹.



mac.

1,360 trade fair venues

70 trade fair locations

330 trade fairs

over 231,000 jobs

over 11.5 m visitors

saves approx. 5 separate business trips

1,549 projects worldwide at

over 680 trade fairs

202,000 m²



Sandra Henze Head of sustainable. brand spaces

"It's not about whether we need trade fairs and events. It's about **how**."

People. Planet. Profit. The three key elements for successful events.

The demands placed on live events have increased and require a fresh mindset and new action. They should be resource-conserving, climate-neutral, and healthy for people, nature and biodiversity.

Special creativity is also required to offer visitors and companies alike strong brand experiences in a limited space and time, all the while ensuring access to products and information with maximum security. These challenges need synchronized solutions. Solutions that positively impact people and a healthy planet.

We're working on this this year and will continue to do so in the coming years. Our goal: to achieve carbon neutrality by 2030!

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from the campus to the world. e s g



mac. Group

A powerful network.

mac and its subsidiaries form a corporate group that has a global presence in live marketing. Through the individual companies' shared values and complementary competencies, we are leaders on the European market.

We shape our business practices sustainably and with a focus on the future. Customer value is created through excellence, reach, and the ability to serve the most diverse customer segments and formats in our industry under one roof.





CDP

6 dedicated specialists

in our Sustainability and Quality Management Committee

over 400 carbon-offset components

for **mac** trade fair projects, which we examine for alternative materials and lifecycles to reduce emissions

over 20 eco-materials

in our portfolio that have a more positive environmental impact and enable and support circular processes

1 alliance with partners

from our science and service provider network for researching and developing more eco-friendly materials and circular processes

Scope 3 reporting capability

through further development of our very own ERP system by 2026

Sustainable development.

Our services offer space for exchange, diversity, and responsibility. With our high annual order volume, we significantly shape the trade fair and events landscape in Europe. We not only leave behind our mark in the creation of impressive brand experiences, but as an economically active and profitable company we also shoulder responsibility for the planet, people, and profit (ESG).

Our focus on the green economy.

To implement our sustainable business policy, we rely on an integrated sustainable management system. That way, we continue to increase the degree of digitalization in the company, set our focus on implementing circular economy principles, and invest in research and development. Our sustainability and quality management approach directs and monitors the operational implementation and impact of ISO 20121 – our sustainable quality-focused management system.

+0.3% growth for Germany¹ +1% growth for Europe² Up to -45% reduction in emissions³ 700,000 new jobs⁴

"Sustainability lives in every **relationship** we build."

our vision

In everything we design and set in motion,we operate within the ESG dimensions. They form an integral part of our management system and are taken into consideration in all phases of our value creation chain. Our goal: **to consciously make more environmentally sound decisions**, promote sustainability dialog, invest in people and technologies, and further expand good business relationships.



Alexander Ody Director of Business Development

"**Values** define who you are."

Mission statement

Sustainability has been firmly anchored in our corporate philosophy since 2020. In 2023, we further developed our values together with employees from all divisions. The result: **seven corporate values** that describe our fundamental attitude and form the shared foundation for everything we do – both internally and externally.



Sandra Henze Head of sustainable. brand spaces



International management system

With \Rightarrow <u>ISO 20121:2012 certification</u>, we have set ourselves an international standard. This standard helps us to develop targeted ESG-related action plans, and to measure our sustainability performance with a view to continuous improvement.

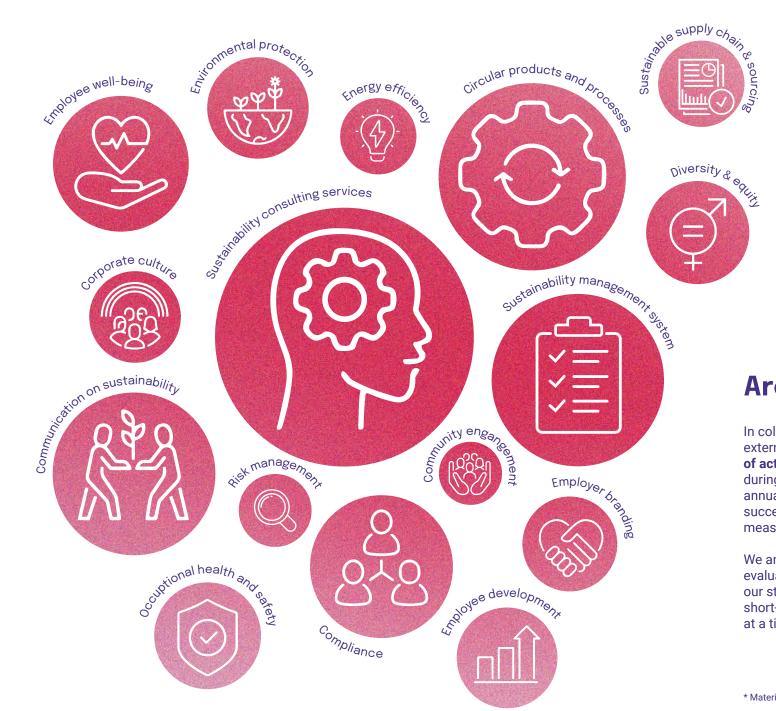


Daniel Hoffmann Quality Manager

"Clarity creates **security."**

Quality management

Our approach: effectiveness through clear and improved processes. Progress is regularly measured using KPIs, audited, and evaluated in annual management reviews by the Executive Management Team and the **Quality Manager**. Where measures don't work, we respond by making specific adjustments and targeted improvements.



Areas of activity.

sourcin

In collaboration with internal specialist departments and external consultants, we identified 16 material* areas of action in environment, social affairs, and governance during the 2023 fiscal year. We review and adjust them annually. We can exert influence in these areas and successfully pursue an ESG focus by taking targeted measures.

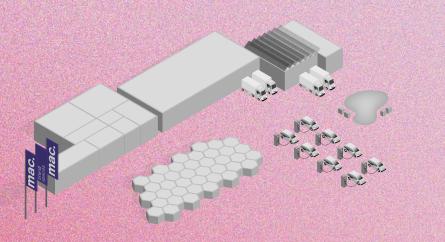
We analyze our stakeholders' expectations and needs, evaluate the EU Green Deal goals, and align them with our strategic objectives. This results in long-term and short-term goals and measures that we pursue one step at a time.

* Materiality of the areas of activity depending on the size of the district.

Our campus - our advantage.

Our site in Rhineland-Palatinate makes us unique in the industry. On our large campus, we combine **project management**, **design**, **CAD/project technology**, **carpentry**, **the paint shop**, **graphics**, **electronics**, **warehousing**, **and transport all under one roof**.

This enables us to directly implement and comprehensively monitor environmental, social and governance (ESG) measures. We are also increasing the reliability and quality of our services and minimizing dependencies in our supply chain.



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• Sustainability criteria in the **list of services**

Project management

Transport

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- Consulting on the material portfolio
- Expansion of the supplier
 network
- Investment of resources in research and development projects for materials and design concepts
- Partially automated calcula
 - tion of the carbon footprint of trade fairs and events

→ <u>Test deployments of hydro-</u> gen trucks in cooperation with

Expansion of the electric

vehicle fleet by purchasing

electric vans for the Assembly

DB Schenker

Department

 Checklist for sustainable projects



- **Digitalization** of processes in accounting and HR
- Equipment of Production staff with digital devices to improve internal communication and transformation to digitalized workflows

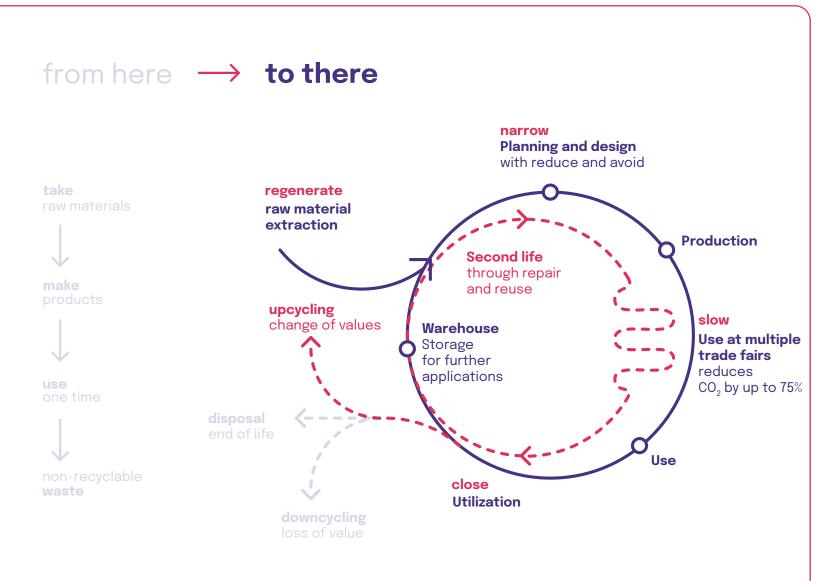
Carpentry

E

Expansion of the machinery fleet to include a new CNC milling machine to increase efficient processes and reduce waste and error rates



Procurement of \rightarrow **exoskeletons** for healthy and safe working



Closing the loop in live marketing.

Trade fairs are essential for the economy, networking, and product marketing. Digital worlds will not replace in-person meetings. Instead, they will expand the scope and make them more interactive. That's why we need new standards, resources, and courage to develop inspiring experience worlds in **co-creation** with our customers while conserving resources.

The challenge: taking action and transforming linear processes.

We want to overcome the still common economic principle of "**take – make – use – waste**". The challenge lies in synchronizing our industry's impact on the environment and nature with people's expectations of time-limited experiences under economic conditions. Specifically, this means bringing together customer needs and resource-conserving design, analog and digital experiences, reusability, and economic viability.

Our approach: circular direction

The model of the circular economy should be the benchmark for the entire industry and service provider networks: following the principle of "narrow – slow – close – regenerate". From raw material extraction and design to disposal and recycling.

re:think! strategy



Matthias Becker Design Director

"Product design offers significant leverage for more sustainably designed events management. The **smart handling of precious resources** should be considered from the concept stage."



Consulting

We offer our customers consulting services and solutions for **sustainable materials**, measure the **carbon footprint** of events and trade fairs, and develop sustainability strategies for trade fair concepts in our **re:think! workshops**. We create circular concepts that are customized, modular, scalable, and reusable. We apply the circular design principles of "reduce, reuse, replace, refurbish. recycle".

Design

Communication

Our communication designers and our digital team use digital technologies to create **interactive knowledge and experience worlds**. We use them to provide information about the environmental impact of materials – by means of digital product passports, for example. Interactive product presentations and stations promote exchange with visitors. This allows us to foster dialog on sustainable topics while saving paper.



Research and development

We have developed an **ECO portfolio**. We are continuously searching for and testing new and potentially more climate-friendly materials. We are also testing platforms and possibilities that enable material reuse.



Cooperation

Collective knowledge and research: For the first time, we have pooled our **expertise with external partners from suppliers and research in an alliance** to develop circular solutions for textile printing. We work together with upcycling companies and give materials a fresh design and new life.

"Sustainability in action."

our mission













Kögel · IAA Transportation

Our trade fair appearance for \rightarrow <u>Kögel at IAA Transportation</u> focused on the sustainable use of resources. With clear principles and pragmatic solutions, we showed how to make smart use of space and select materials consciously – without compromising on impact.

Smart material designs:

- Avoiding floor panels and coverings on the presentation area saved around 1,100 m² of material and over 15 metric tons of CO₂.
- Area boundaries were created with tapes, making them precisely and visually appealing.
- In meeting rooms, a Cradleto-Cradle certified carpet was used.
- For communication, we used Trevira CS textile graphics, partially applied instead of fully covered.
- LED lighting provided energy-efficient illumination without compromising on atmosphere.

Reuse instead of disposal:

- Platforms, standing desks, and counters were reused from stock.
- Self-laying vinyl tiles from stock were used in the hospitality area.
- Rental furniture complemented

the setup to avoid new productions.

 Rental plants created an atmosphere – without incurring additional acquisition costs or producing waste.

Digital instead of print:

The **avoidance of printed materials** was compensated for by **large-size LED screens** for product presentation – flexible, eye-catching, and resource-conserving.





















STOP WASHING. START ACTING.

We have created a modular, resource-conserving and, at the same time, visually striking and interactive space for our visitors. Which proves our point that **sustainability, budget, and creativity** go excellently together.

When organizing our → <u>roadshow</u>, we focused on **regional**, **smart material selection**, an interactive customer journey, modularity, and communication **formats** for our visitors.

"Do we really need this?"

This question was central to our roadshow. With each decision, we examined whether there was a better, more sustainable alternative. The result: a well thought-out concept with a clearly measurable impact.

Resource-conserving implementation:

- **Regionally sourced wood** from the Black Forest reduced transport emissions.
- Magnetic connections instead

of drilling holes protected surfaces and materials.

- Recycled plastic and refurbished screens extended product lifecycles.
- **Tool-free furniture** simplified assembly, dismantling, and reuse.
- **Digital menus** completely replaced print products.
- The avoidance of flooring in the hospitality area saved over a metric ton of CO₂.
- LED screens instead of graphic ceiling sales reduced carbon emissions by around 980 kg.

Modular design:

- Shipping containers were used without any need for complex planning.
- Stackable furniture, modular platforms, and chairs enabled space-saving transport and versatile use.

Experience instead of explanation

In the exhibit container, visitors experienced content using **AR and NFC technology**. The **material tracing game** on an XXL screen showed origins and cycles in a fun way.

Knowledge shared

Our **panel program** brought experts from catering, design, the circular economy, and education into conversation with visitors – showing how sustainable concepts work in practice.

Our ESG journey.

2005 First employee focusing on sustainability

2010

Installation of the wood combustion system for heating the main site in Langenlonsheim with production and wood residues

Procurement of green electricity for the first time

2020
Sustainability
anchored in the corporate vision

2021

Publication of the → first sustainability_ report

Introduction of customer workshops on sustainability

Installation of the first EV charging stations on the **mac** campus 2022 Extension of the EV charging stations

Expansion of the **mac** EV fleet

Payment of an inflation adjustment bonus to all employees

First **mac** honey from our own bees

2023

Commissioning of the PV system

Creation of a 200 m²

flower meadow on the

mac campus



→ <u>Start of the roadshow</u>

AOK Silver

→ <u>Certification</u> for health management

october

CDP

member

Registered with Carbon Disclosure Project

DIN ISO 20121

→ <u>Certification</u> for sustainability management

august

Quality Manager

Staff qualification

december



Design and completion



We have an ambitious goal: to achieve carbon neutrality by 2030!

The 1.5 degree target laid down in the Paris Agreement sets the course. It is our responsibility to cut emissions and make our business processes climate-compatible. That is why we have defined a climate strategy since 2021.

Measures for now and in the future.

A key step is the implementation of our environmental policy, where our commitment to conserving resources and reducing emissions is systematically anchored.

Our measures are designed to continuously reduce Scope 1 and 2 emissions, measure and evaluate Scope 3 emissions, conduct environmentally focused procurement management, enhance energy efficiency through refurbishment and investments in technologies and machinery, and expand our mobility management practices.

Corporate carbon footprint 237.8 t CO,e in 2024

SCOPE 1

208.3 t CO

= Direct emissions from company operations. From the company's own vehicle fleet and building heating systems to plants or machinery that are directly involved in value creation. Indirect emissions resulting from

energy procurement or the procurement of other raw materials that are not generated directly by the company but are caused by its operations. = Direct or indirect emissions along the operational value creation chain that originate during operational

processes from sources beyond the company's direct control - such as the supply chain, transportation, product use or disposal

= The CDP (Carbon Disclosure Project) score indicates how well

companies measure, report and manage their environmental impact.

The scale ranges from A to D and rates companies according to their transparency and environmental

companies that have good environmental management practices, i.e.

measure emissions and implement

reduction measures, but still have room for improvement in terms of

implementation and strategy.

management practices. B (Management Level) stands for

follow in

29,4 t CO.

Data to

Corporate carbon footprint development since 2019



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Green electrici	100%	
PV electricity	Self-generated	10.5%
	Used	145,395 kWh
	Excess	40,217 kWh

Heat consumption

Own wood heating	95%	
Green gas	5%	
Savings compared to	1,254 t CO ₂	

2.662.570 kWh

conventional gray energy

Product carbon footprint.

Trade fairs and events generate gigatons of CO_ae every year. There is a tremendous amount of reduction potential here. We are driving the decarbonization of our industry by offering our customers climate-effective services that help manage GHG emissions.

- Carbon footprinting for trade fairs and events
- **Carbon roadmap analysis** •
- Material portfolio with low carbon emissions
- Partner and supplier network for closed

Our trained team creates

a detailed carbon footprint based on lifecycle assessments (LCAs) and TÜV-certified data platforms with the help of a semi-automated calculator.

We create the carbon footprint for your project. Contact our team: sustainability@mac.de

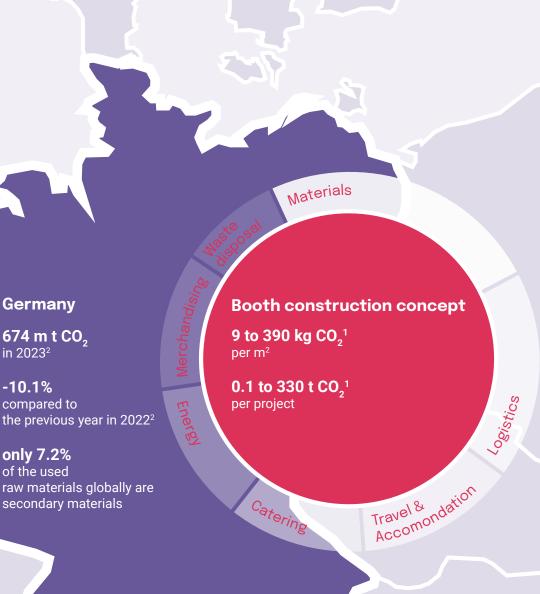
-10.1% compared to the previous year in 2022²

only 7.2% of the used raw materials globally are secondary materials



"Environmentally focused design isn't something you feel. You can measure and design it."

Jessica Spieth Junior Project Manager sustainable. brand spaces



¹ The carbon emissions generated by trade fairs vary considerably, depending on factors such as booth size, the number of attendees, the event location, and concept. Each booth must therefore be calculated individually to identify the relevant hot spots and find reduction solutions with our customers (based on our own data collection activities). ² German Federal Environment Agency



Christiane Kasselmann Mobility Manager "Through smart mobility concepts, companies can not only cut costs, but also make an **active contribution to protecting the climate**."

A reality check of our mobility practices in

81% electric / hybrid company cars



-350 t CO₂ due to the switch from fossil to electric / hybrid (2021-2024)

31,000 km = 0.45 t CO₂



-7 t CO₂ compared to car use

370,000 km = 155 t CO₂



1.5 h minimum for even considering air travel

3 bicycle garages with electric bike charging stations



39 jobbike to work contracts

Strategically sustainable travel.

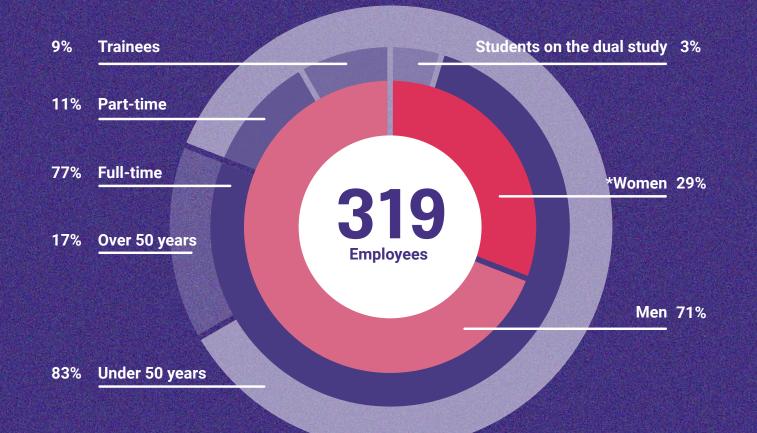
We expand our fleet annually with electric and hybrid vehicles. This has enabled us to save 350 metric tons of CO, to date (since FY 2021).

Our **CIC-certified Mobility Manager** is developing a more sustainably focused and efficient mobility concept for our company for 2025. The goal is to reduce carbon emissions in everyday working life, promote environmentally friendly means of transport for employees traveling to our offices, and optimize business trips.

Our travel policy allows employees to purchase a DB 25 to 100 rail card, only permits flight bookings from a flight time of 1.5 hours, and restricts individual company car eligibility, encouraging employees to choose public transport or use our pool vehicles. We also offer our employees the option of leasing a bicycle through the Jobrad cycle to work scheme. from the campus to the world. e s g

Sustainability starts with our employees. They are at the very heart of our social sustainability strategy.

Health, occupational safety, professional development and a work/life balance are core values for us.



* Our gender distribution reflects the industry-specific trends, where technical and industrial occupations are traditionally more male-dominated, while administrative and sales areas have a balanced distribution. We recognize this development and are committed to promoting diversity in all company departments in the long term.

"Healthy work. Healthy life.





AOK Zertifizierung: Unternehmen

Winning → AOK "Healthy Company" Award in Silver confirms that we are committed to an employee-focused corporate culture. It is an award that we received for our outstanding corporate health management (CHM).

Certification is awarded in Bronze. Silver and Gold, and is based on a uniform quality standard throughout Germany. Seven key areas of CHM are evaluated, including integration into corporate policy, systematic implementation, and the promotion of employee health and health potential.

The aim of this certification is to evaluate a company's current performance in health management and to initiate a continuous improvement process. This significantly sets us apart within our industry.

Health

- Private company accident insurance
- Old age pension scheme
- Family coaching portal
- **Health days**
- Skin screening
- Preventive medical checkups
- **Therapeutic massages**
- **Exercise breaks**
- Flu vaccination
- Annual briefing on addiction and prevention in the workplace
- **Ergonomic** workplace equipment
- Jobrad cycle to work scheme
- Employee involvement through surveys
- → Exoskeleton for physical support

Family and career

Company attractiveness

"Best conditions for our **wellbeing**."

Safety

We see it as our responsibility to invest not only in sustainable projects, but also in the **wellbeing of our professionals** – because only a strong team can turn strong ideas into a reality. Our measures and support are as diverse as our workforce. Thanks to such attractive benefits, our employees' **average length of service is 12 years.**



- Further training of safety specialists
- Medical equipment
- Company medical officer
- First aid training available for every employee
- Fire safety officers
- Fire drills

- Independent external family service for questions and problems relating to family, physical health, and mental health Mobile working Part-time working models **Collectively agreed** compensation **Collective bargaining** agreements, works agreements Hour account management
- **Payment of overtime** or time off in lieu
- **Time of in lieu** for work on Sundays and public holidays, and additional work
- Public transport subsidy
- Childcare subsidy



- Advanced training for specialists
- Leadership coaching

→ <u>Training courses</u>

Electronics

Education

- Events Technology
- Painting and Varnishing
- Carpentry
- Media Design
- Metalworking
- Warehouse Logistics
- IT
- Technical Product Design

Dual study programs

- Bachelor of Arts in Business Administration, Trade Fair, Conference and Events Management
- Bachelor of Arts in Accounting Taxation, and Business Law
- Bachelor of Arts in Media Design
- Bachelor of Engineering in Timber Technology
- Bachelor of Science in Information Management

Strong **governance** is the basis for sustainable and responsible business practices. It ensures that we make business decisions transparently, in compliance with regulations, and in line with our long-term goals.

Particularly in **compliance**, we implement clear processes and guidelines to ensure that legal requirements and ethical standards are maintained in all areas of our company. Effective compliance management not only protects us from legal risks; it also strengthens the trust that our customers, partners and employees place in us.

Violations of regulations can cause not only financial damage, but also harm our reputation.

> That is why we promote a **corporate culture** that places integrity and responsibility at the very center. Regular audits, training courses, and our **whistleblower system** help us identify risks early on and anchor compliant conduct in our company.

Code of Conduct

Our Code of Conduct aims to promote integrity, safety, and fairness. This strengthens trust in our company and minimizes risks such as violations of legal requirements, conflicts of interest, or inappropriate conduct in the workplace. It helps us create a respectful and transparent work environment in which all employees should feel safe and valued.

Whistleblower protection procedure

The → <u>whistleblower protection procedure</u> is an essential tool for us to identify and address rule violations, ethical concerns, or illegal conduct within our company early on. It enables employees and external stakeholders to report violations of laws, internal guidelines, or compliance requirements safely and confidentially without any fear of reprisals. For this purpose, we have integrated a digitalized reporting procedure and defined mandatory processes with our Whistleblower Protection Officer.

Partner Code of Conduct

Our \Rightarrow <u>Partner Code of Conduct</u> communicates the ethical, social, and environmental standards we value in our business relationships. It is available on our website, is sent to our suppliers and service providers, and is checked by our Procurement Team. We want to ensure that our supply chain is based on responsible business practices, applicable laws, and human rights.

IT security and data protection

Protecting our customers' and employees' data is our top priority. That is why we rely on a comprehensive IT security and data protection concept that is regularly reviewed and adapted to current legal requirements and technological developments. With our training courses and IT security measures, we ensure the confidentiality of sensitive data and fulfill the requirements set out in the GDPR and the German Federal Data Protection Act (BDSG). Our Data Protection Officer continuously monitors compliance with these standards to ensure maximum security and legal compliance. from the campus to the world.

2024

DIN ISO 20121

for sustainability manag





People-Planet-oriented business allows us to identify risks early on, calculate future scenarios, and tap into new possibilities for setting ourselves apart and for resource utilization. That is why we continue to invest heavily in sustainable and digital transformation. This cuts costs in the long term, reduces disruptions caused by unstable supply chains, adds value to resources, and reduces external negative impacts.

Renovation

Start of comprehensive refurbishment measures for our buildings

ISO 20121:2024

Recertification

Scope 3

Data collection

Investment

in research and development of materials

Digitalization

Expansion of digital processes

"Responsibility drives progress."

mac. brand spaces GmbH

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