

Messe Karlsruhe Environmental Statement 2025



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1 Foreword

Dear Reader,

Thank you for your interest in Messe Karlsruhe and our environmental statement!

Around the world, businesses are looking to improve their sustainability. It is not only an important issue for society as a whole, but also of strategic significance for the trade fair, convention and event sector.

We have set ourselves the goal of promoting and anchoring sustainable practices at Messe Karlsruhe, highlighting opportunities for sustainability, making sustainable measures transparent and monitoring their implementation. To this end, in 2023, we implemented an EMAS environmental management system as part of our sustainability management programme.

EMAS is considered the most demanding environmental management system worldwide. With its help, we are striving continuously to reduce the negative environmental impacts of our activities and improve our environmental performance. We achieve this through a continuous improvement process that we have implemented throughout our company. EMAS allows us to constantly review our performance, measure progress, identify potential shortcomings and areas for improvement, and thus actively address them going forward. We consider it our particular duty to inform the public about our results. In the interests of our target groups, we want to ensure the greatest possible transparency in accordance with EMAS requirements.

This environmental statement provides information about Karlsruher Messe- und Kongress GmbH (hereinafter referred to as 'Messe Karlsruhe') and the EMAS environmental management system we introduced in 2023, as well as our guidelines, goals and measures for improving environmental performance.

2 Messe Karlsruhe

Messe Karlsruhe is one of the leading venues for trade fairs, conventions and cultural events in southern Germany. The many and thematically diverse events that Messe Karlsruhe organises itself or hosts for external organisers attract up to 8,000 exhibitors and 800,000 visitors every year.

Our approx. 180 employees, who work in a variety of working time models, are on duty every day to provide our customers with a memorable experiences: from classical concerts to large trade fairs, from corporate events to specialist conventions. Our goal is to have happy guests, satisfied visitors, organisers, exhibitors, service partners and employees. Personal contact and our wide-ranging expertise in the event sector characterise our services. At Messe Karlsruhe, we bring people together and offer the perfect platform for every idea.

Messe Karlsruhe has a positive impact on the regional economy: a recent study based on figures from the 2024 financial year, recalculated the indirect profitability of our activities¹.

According to the study, Messe Karlsruhe provides an economic stimulus for the region amounting to €193.8 million per year. Some 2,828 jobs in the region depend directly and indirectly on our business. In total, €1 in turnover at Messe Karlsruhe generates €6.35 in turnover for the economy. The overall and regional economic importance of Messe Karlsruhe has increased significantly even compared to the years before the coronavirus pandemic. It is an important economic driver for the city and the region.

Corporate structure

Karlsruher Messe- und Kongress GmbH is a wholly owned subsidiary of the City of Karlsruhe. It is responsible for the trade fair and event business and operates two locations: the Convention Centre in Karlsruhe city centre and the Messe Karlsruhe Trade Fair Centre in the district of Rheinstetten. Karlsruher Messe- und Kongress GmbH is the leaseholder of the halls and buildings of the Convention Centre and the tenant of the halls and outdoor areas belonging to the Trade Fair Centre.

It is classified under NACE code 82.30.

3 Trade Fair Centre in Rheinstetten

Our exhibition grounds: Plenty of space for events

Four exhibition halls, the fully glazed event hall and the green atrium create a bright and friendly atmosphere for showcasing products, services or companies. With the conference

¹It should be noted that even-numbered years are weaker years for Messe Karlsruhe due to the trade fair cycle, and that the Stadthalle Karlsruhe was closed in 2024 due to ongoing modernisation work.

centre on the exhibition grounds, we also offer a variety of meeting rooms for conferences and conventions. The large outdoor area can be used as additional exhibition space. Another outdoor area, the Peter-Gross-Bau-Areal / P3, was converted into a multifunctional event space and went into operation at the beginning of October 2024. Our exhibition grounds offer an impressive variety of spaces and options in award-winning architecture.

At a glance:

Messeallee 1, D-76287 Rheinstetten

- Four halls, each with 12,500 m² of exhibition space for up to 11,200 visitors in one hall
- Glazed event hall with 1,800 m² of exhibition space
- Green atrium, e.g. for open-air company celebrations
- 105,000 m² of multifunctional outdoor space in the newly renovated Peter-Gross-Bau-Areal / P3
- Conference centre with rooms and halls for up to 2,000 people
- Almost 7,000 parking spaces



4 Convention Centre – In the heart of the city

The Convention Centre comprises four buildings and the open space on the Festplatz square in central Karlsruhe: diverse, flexible and unique. The classicist architecture of the Konzerthaus lends a touch of prestige to every event, while the Schwarzwaldhalle impresses with its multifunctionality and regularly hosts concerts and comedy performances. The bright daylight of the Gartenhalle is ideal for exhibitions and offers guests an added highlight with its direct access to the zoological garden. The Stadthalle is currently being modernised and is scheduled to reopen in 2026 with its own unique variety of rooms, emphasising its status as a first-class venue for conventions.

Vier Locations in der Stadt – viele Möglichkeiten



Festplatz

Imposant im Freien

- 10.000 m² Fläche
- 1.000 Parkplätze



Gartenhalle

Mehr Freiraum
für frische Ideen

- 5.320 m² Fläche



Konzerthaus

Begegnung mit Stil

- 1 Großer Saal für 1.000 Personen
- 1 Kleiner Saal, 2 Seminarräume und Foyers



Schwarzwaldhalle

Flexibles Kulturdenkmal
mit dem Charme der 50er Jahre

- 2.430 m² Hallenfläche



Stadthalle

Ein leistungsfähiges
Kongresszentrum für sich

- 6.000 m² Fläche
- 5 Säle, 9 Konferenzräume, 5 Seminarräume

5 Environmental policy of Messe Karlsruhe

Our environmental policy was adopted and signed by the managing director in December 2022. As part of the ongoing introduction of EMAS, we have updated our environmental policy annually, most recently in September 2024.

We stand for sustainable management

We understand sustainability not only as being ecologically sustainable and climate-friendly, but also as a commitment to economic and social sustainability. We are guided by the UN Sustainable Development Goals of Agenda 2030. We encourage, raise awareness and support our employees, colleagues and service partners, and advise our customers on sustainable practices.

We are committed to continuously improving our environmental performance and avoiding environmental pollution. We are committed to complying with all applicable legal regulations and other binding obligations. We are committed to our goal of continuously improving our environmental management system. We want to make our performance measurable, creating transparency and visibility both within the company and externally.

Our areas of action

We are designing and investing in three areas of action: 'Sustainable implementation and development of events', 'Sustainable building technology and infrastructure' and 'Sustainable corporate management/administrative action'.

We create incentives and valuable products that enable our customers to stage their events and participate in activities while reducing emissions to the minimum. We are committed to resource efficiency.

Our areas of action



We bundle developments in the field of sustainability to make them visible and tangible.

We initiate and support sustainable projects and project ideas. We promote networking between institutions and partners in the region. We acquire and (further) develop events related to sustainability in our portfolio, thereby offering the City of Karlsruhe Group visibility in the area of sustainability.

We ensure that our site and facilities are developed with an eye to future requirements, taking into account the issues of accessibility and sustainable mobility. We provide an e-charging infrastructure and are committed to improving bicycle and public transport infrastructure. We are committed to optimising the energy efficiency of our premises and switching to sustainable sources of energy and heat.

Sustainability is generally considered an essential criterion in tenders.

We develop guidelines for the following areas:

- Procurement/purchasing, use of materials, waste/recycling, operational mobility
- Ensuring and further developing a sustainable human resources policy
- Promoting and enforcing equal pay and wage fairness by structuring employment and contractual relationships
- Further developing our capacity for innovation
- Promoting networking, commitment to corporate social responsibility and integration into the City of Karlsruhe's climate programme

Cooperation at Messe Karlsruhe is based on the clear principles of trust, responsibility and a constructive approach. Sustainability and sustainable action are anchored in our corporate culture as fundamental values and principles of action. We structure our working practices in a way that allows us to adapt to rapidly changing conditions. Our employees see themselves as co-creators of economic and cultural life in Karlsruhe and act as sustainability multipliers.

6 Our environmental management system

Our environmental management system complies with the requirements of the EMAS regulation and applies to all our corporate activities as well as to the facilities at our two locations, the Trade Fair Centre in Rheinstetten and the Convention Centre in Karlsruhe city centre.

EMAS was introduced by an interdisciplinary core team of three employees. This team then integrated contributions from employees in various departments at Messe Karlsruhe who were familiar with the relevant topics. The team created documents that were agreed with the management and heads of department and communicated internally.

As part of the initial environmental audit, we worked together to identify relevant environmental aspects, interested parties and the wider context of Messe Karlsruhe. We placed a great emphasis on involving specific employees from different departments in our workshops. With external help, we carried out a legal check relating to environment regulations and set up a legal register. We also gathered relevant environmental data on, e.g. energy, heat and water consumption and the generation of waste.

To develop the environmental programme, but also to implement our corporate strategy with a view to sustainability, all specialist areas, departments and project teams were required to develop their own sub-strategies and set at least three sustainability goals annually or after each trade fair cycle. Responsibility for implementing these goals was assigned to the specialist departments. The specialist departments were provided with the identified and evaluated environmental aspects as a basis for their individual objectives.

In 2024, based on the insights already gained, we established a sustainability steering committee to promote a productive exchange on goal setting and challenges, as well as opportunities and tips for achieving these goals. This committee replaced the existing 'sustainability

monitoring group', which consisted of employees from all departments. The permanent members of the new steering committee are predominantly managers from the trade fair and convention divisions and from environmentally-relevant interdepartmental areas and departments as well as the company spokesperson. Steering committee meetings are chaired by the environmental management officer. Additional employees and external guests may be invited depending on the topics being discussed.

We have created an environmental management handbook to ensure that the systematic regulations we have introduced as part of our environmental management system continue to be observed and implemented in the future. The environmental management handbook thus serves as a guide for all activities necessary to meet the requirements of the EMAS regulation and thus achieve continuous improvement in environmental protection. Wherever necessary, we have introduced and documented additional processes.

The content validated under EMAS relates exclusively to environmental issues. Content that goes beyond this, concerning principles of sustainability, social and economic issues, and measures for implementing corporate social responsibility, is presented at the end of the environmental statement for information purposes only.

7 Compliance with legal requirements

With regard to legal requirements, we have determined which laws, regulations, rules and notices are relevant to us and how they affect us. Examples include the Commercial Waste Ordinance, the Hazardous Substances Ordinance and Ordinance on Facilities for Handling Substances Hazardous to Water (AwSV).

We monitor changes in legislation, for example by subscribing to various newsletters and an online legal update service. We ensure compliance with legal requirements by regularly updating our legal register, deriving the resulting obligations and communicating with the specialist departments.

We keep track of the administrative acts and contracts that affect us and the resulting obligations. We then implement them. Examples include water law permits and building permits.

We are in constant communication with the authorities to ensure that we comply with all statutes and regulations.

8 Environmental aspects

To assess our environmental impact, we have identified and evaluated the direct and indirect environmental aspects associated with our business. We conduct an annual review of the environmental aspects and their relevance.

Among the direct environmental aspects we have identified are areas such as waste generation, consumption of heat and electricity, consumption of raw materials and consumables, and catering. These arise as a direct result of the activities at our sites and can be controlled and influenced by us. Indirect environmental aspects arise indirectly from our activities and are areas over which we do not have complete control. Indirect environmental aspects arise, for example, from employee travel or the handling of waste generated at events by exhibitors and visitors, which we can influence to a certain extent but cannot control.

We carried out an assessment to determine the significant environmental aspects. Here, we assessed the environmental relevance, taking into account the environmental hazard potential, quantitative significance and predicted future trend for each aspect. The results were classified into the following categories:

- A = High environmental relevance,
- B = Average environmental relevance,
- C = Low environmental relevance

After classifying the environmental aspects into one of the categories A, B or C, they were evaluated in a second step with regard to the influence that Messe Karlsruhe could exert on them. The following categories were used for this purpose:

- I = Relatively high control potential in the short term
- II = Control potential in the medium to long-term
- III = No control potential, or only in the very long term and/or dependent on decisions made by third parties

We assessed each environmental aspect four times: for our own trade fairs, for guest events, for administration, and for building technology and infrastructure. The individual results of the environmental relevance assessments in categories A to C and the control potential I to III were transferred to the three categories – very relevant, relevant and less relevant – for a better overview. The direct and indirect environmental aspects of Messe Karlsruhe are presented according to this system in Fig. 1:

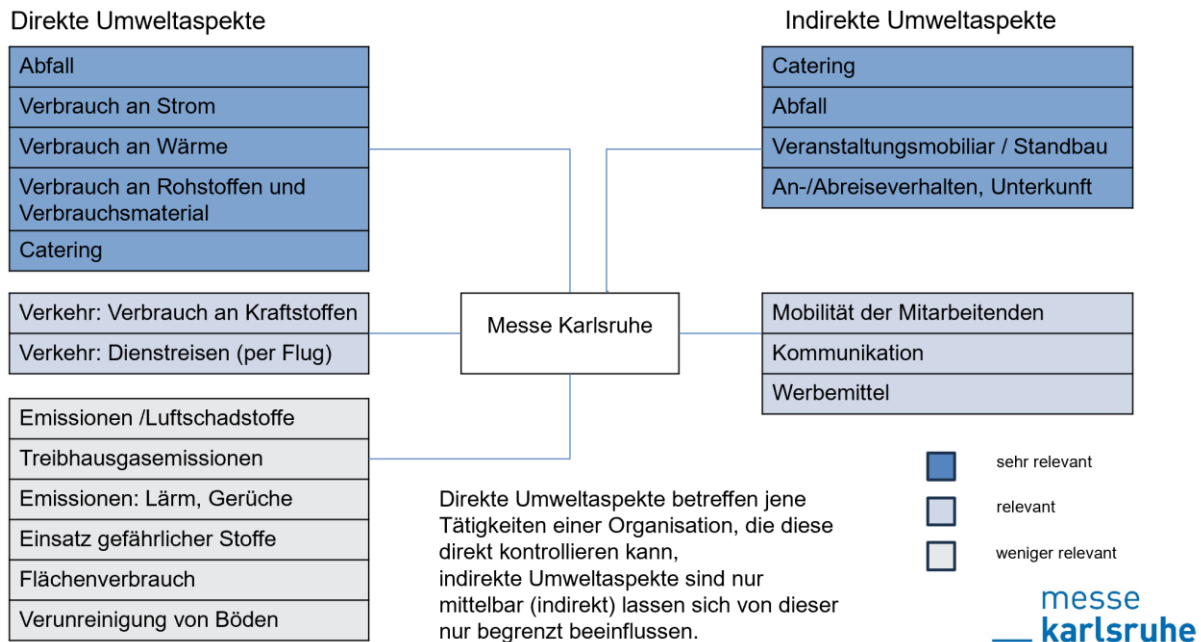


Fig. 1: Direct and indirect environmental aspects of Messe Karlsruhe

8.1 Significant direct environmental aspects

Waste

The issue of waste quickly emerged as one of the most significant environmental aspects for our business. As part of the introduction of EMAS, we developed and implemented a new waste concept with the aim of reducing waste volumes (e.g. by reducing the use of carpeting at our events) and achieving a higher material recycling rate through greater and better waste separation. To address this issue, we established regular communication on waste management, involving various affected areas of Messe Karlsruhe and service partners who play a significant role in waste collection and processing.

Energy – Electricity and heat consumption

For years, Messe Karlsruhe has been using only 100 percent certified green electricity. We are also taking measures to reduce electricity consumption and increase efficiency. For example, lighting solutions are gradually being converted to LED.

To save heat energy, we have set up a detailed system monitoring programme. In particular, during the period of validity of the Ordinance on Securing the Energy Supply through Rapid Impact Measures (EnSiKuMaV), we implemented targeted interventions in the automated control and regulation systems. We made it easy for employees to save heat energy in the office: during the last heating period, the radiator valves only had to be set to a specified val-

ue once, and the central heating control system regulated the further reductions in temperature at night and on weekends.

In 2022, an energy concept was also produced for the company that owns the exhibition grounds. The aim is to generate renewable electricity on the exhibition grounds through photovoltaics and small wind turbines, possibly by leasing PV areas to third parties. The heat supply will also be converted to predominantly renewable energy sources. To this end, we plan to use our existing well infrastructure not only for cooling the halls, as has been the case up to now, but also for generating heat in combination with heat pumps.

Messe Karlsruhe plans to benefit from this by covering a significant portion of its electricity consumption using electricity generated on-site.

Consumption of raw materials and consumables

Preparing and staging events, in particular, involves the consumption of raw and other materials. There is room for improvement here by developing smart concepts, reviewing the actual need for materials in greater detail in advance and reducing consumption accordingly. In addition, we are increasingly relying on reusable or recyclable products, e.g. in floor coverings and stand construction. As a result, we have now largely dispensed with carpeting at many of our trade fairs.

Catering

Catering at our events impacts the environment in various ways. Food deliveries cause emissions by adding to traffic volume. Depending on the country of origin of the food, further emissions are generated in the supply chain during transport and cultivation. Furthermore, energy is required in the preparation of food, water is consumed for washing up utensils, crockery and cutlery, and waste is generated in the form of food leftovers and packaging. We work with an external service partner for catering, but we can influence the food and drink offerings at our own events, e.g. by providing vegetarian and vegan options.

8.2 Significant indirect environmental aspects

Catering

Catering is also a significant indirect environmental aspect. At guest events, the respective organiser decides on the food and beverage offerings in consultation with the caterer.

Waste

Through our optimised waste concept – the provision of waste bins for different waste fractions, measures that raise awareness, e.g. providing waste consultants for exhibitors during selected events – we are making an important contribution to achieving our goal of increasing the material recycling rate of our waste. However, we cannot yet rule out incorrect disposal of waste during event operations or in administration. We now need to gather experience in this area and then derive any further measures that may be necessary to raise awareness.



Event furniture/Trade fair construction

Exhibitors can book various products for their event appearance through Messe Karlsruhe. These range from stand construction services and equipment (e.g. rental furniture) to technical services. Messe Karlsruhe can help exhibitors to choose sustainable options through the range of services it provides.

Travel to and from the venue/Accommodation

Trade fairs can reduce emissions, as they provide an opportunity for visitors and exhibitors to meet with many companies in one central location, thus avoiding individual journeys. Nevertheless, the individual journeys of visitors and exhibitors to trade fairs, congresses and other events do generate emissions. Messe Karlsruhe cannot control the mode of transport its various customers use to travel to events. However, by offering the DB event ticket and a partially-free shuttle between Karlsruhe's main railway station and the Trade Fair Centre for many events, it can make it easier for exhibitors and visitors to plan a more sustainable journey by train. The Convention Centre in Karlsruhe city centre is well connected to public transport. We are also continuing to expand our e-charging infrastructure at the Trade Fair Centre and the Festplatz, and offer numerous bicycle parking facilities. Messe Karlsruhe is committed to connecting the exhibition site to a cycle highway and improving public transport rail connections.

9 Environmental indicators

The following tables provide an overview of the trends in our absolute consumption data from 2019 and 2022 to 2024 in the areas of energy, water, waste, material procurement, land use and emissions (input and output balance). They also present the associated core indicators generated to represent the environmental performance of Messe Karlsruhe.

The coronavirus pandemic and the associated bans on events hit Messe Karlsruhe hard. The pandemic-related decline in the number of events and participants caused a significant distortion (e.g. due to cancellations, tighter scheduling and the postponement of events to the summer, the staging of postponed events) in inputs and outputs. As a result, the values of

the reference parameters naturally available for our industry for the generation of the key indicators in the years 2020 to 2023 were also distorted.

The 2019 financial year, as the last pre-coronavirus year, is therefore the most suitable reference point for our operating and environmental indicators.

2024 was the first year in which our trade fairs returned to their traditional place in the trade fair calendar and thus, as a rule, to the colder seasons of spring and autumn.

9.1 Operating figures

	2019	2022	2023	2024
Events	246	208	222	207
→ Trade fairs	39	24	37	39
→ Conventions	74	60	39	43
→ Cultural	98	89	128	106
→ Digital*	-	0	0	0
→ Other	35	35	18	19
Visitors	730,941	415,437	607,250	472,162
Exhibitors, total	8,335	4,888	6,786	6,669
Turnover rate**	14	10	12	10
Gross exhibition area, in m²***	683,986	502,980	673,925	479,407
Days occupied per year	352	325	315	321
Employees (no. in full-time equivalent)	136.35	150.11	151.40	155.42

* Evaluation since 2021.

** Turnover rate is a key figure that determines how often the available space is let in a given period of time.

*** The gross exhibition space currently contains uncertainties, which partially distort the key indicators. Work is currently underway to improve data quality and the data basis.

**** As of 31 December of the respective year. Due to the coronavirus situation and short-time working, the filling of vacant positions in 2021 and 2022 was deliberately delayed.

9.2 Energy

As explained above, in 2024 all our trade fairs returned to their traditional place in the event calendar and thus to the colder months. This alone had a major impact, e.g. on heat consumption. Consequently, as can be seen from the environmental indicators presented below, these have deteriorated in absolute terms in some cases when compared to 2023 and 2024, but have improved overall since the reference year 2019.

Absolute consumption

	Unit	2019	2022	2023	2024
Electricity consumption (total)	kWh	6,486,941	5,394,657	5,828,470	5,740,643
Electricity consumption (Trade Fair Centre)	kWh	4,479,698	3,283,455	3,101,531	2,950,132
Electricity consumption (Convention Centre)*	kWh	2,007,243	2,111,202	2,726,939	2,790,511
Gas (Trade Fair Centre)	kWh	3,333,051	1,649,441	1,421,354	1,482,673
District heating system (Convention Centre)	kWh	2,680,330	2,027,390	1,482,670	1,484,035
Heating oil, light (redundant system)**	kWh	-	-	283,645	439,352
Total direct energy consumption	kWh	12,500,322	9,071,488	9,016,139	9,146,703
Total renewable energy consumption	kWh	6,486,941	5,394,657	5,828,470	5,740,643

*Including construction electricity for the Stadthalle (2019: 576,842 kWh; 2022: 528,713 kWh; 2023: 736,588 kWh; 2024: 610,467 kWh)

**Due to construction work on the Stadthalle, the district heating supply to the Konzerthaus had to be replaced by heating oil between 2023 and 2024. At the end of 2024, a separate district heating station was put into operation there.

Key indicator

	Unit	2019	2022	2023	2024
Electricity consumption (total)	kWh/gross exhibition area, in m ²	9.48	10.73	8.66	11.97
Electricity consumption (Trade Fair Centre)	kWh/gross exhibition area, in m ²	6.55	6.53	4.60	6.15

Electricity consumption (Convention Centre)	kWh/gross exhibition area, in m ²	2.93	4.20	4.05	5.82
Gas (Trade Fair Centre)	kWh/gross exhibition area, in m ²	4.87	3.28	2.11	3.09
District heating system (Convention Centre)	kWh/gross exhibition area, in m ²	3.92	4.03	2.55	3.10
Heating oil, light (redundant system)	kWh/gross exhibition area, in m ²	0	0	0.42	0.92
Total direct energy consumption	kWh/gross exhibition area, in m ²	18.28	18.04	13.73	19.08
Total renewable energy consumption	kWh/gross exhibition area, in m ²	9.48	10.73	8.66	11.97

The fact that energy consumption has risen in some cases despite a decline in reported gross exhibition area can be explained by the fact that smaller trade fairs and events still require the entire hall to be heated, thereby increasing the relative energy consumption per square metre of gross exhibition area. In addition, there is some uncertainty regarding the gross exhibition area used as a reference value. Work is underway to improve data quality.

9.3 Water

Absolute consumption

	Unit	2019	2022	2023	2024
Fresh water (Trade Fair Centre)	l	23,766,000	14,454,000	15,843,000	12,843,000
Fresh water (Convention Centre)	l	8,975,710	3,830,340	6,170,370	6,412,000
Well water (Trade Fair Centre)	l	5,923,000	12,540,000	13,310,000	1,480,000
Well water (Convention Centre)	l	76,126,000	92,487,000	73,032,000	110,650,000
Waste water (Trade Fair Centre)	l	23,766,000	11,660,000	11,660,000	11,692,000
Waste water (Convention Centre)	l	8,975,710	3,830,340	6,170,370	6,412,000

Total water consumption (incl. well water)	l	114,790,710	123,311,340	108,355,370	131,385,000
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Key indicator

	Unit	2019	2022	2023	2024
Fresh water (Trade Fair Centre)	l/visitor	33	35	26	27
Fresh water (Convention Centre)	l/visitor	12	9	10	14
Well water (exhibition centre)	l/visitor	8	30	22	3
Well water (Convention Centre)	l/visitor	104	223	120	234
Waste water (Trade Fair Centre)	l/visitor	33	28	19	25
Waste water (Convention Centre)	l/visitor	12	9	10	14
Total water consumption (incl. well water)	l/visitor	157	297	178	278

The large deviation in absolute water consumption in relation to well water used in the Convention Centre is mainly due to a faulty pump control system. The error has since been rectified.

9.4 Waste

Absolute waste volume

The table shows the total waste volume generated by Messe Karlsruhe from event operations. In addition to the volume of non-hazardous waste for recycling, the five most common waste fractions in 2024 are listed separately.

	Unit	2019	2022	2023	2024
Volume of non-hazardous waste for recycling	t	572.29	379.35	328.11	340.94

of which waste for recycling	t	426.01	200.97	136.16	87.58
of which mixed waste for pre-treatment	t	63.68	122.57	123.42	154.16
of which mixed waste paper	t	0.25	0	19.10	8.55
of which waste wood A III	t	4.66	5.32	1.42	44.18
of which waste food	t	39.00	15.00	16.50	21.04
Hazardous waste** (e.g. electrical equipment, refrigerators, monitors)	t	1.2	0	1.47	0.93
Total waste	t	573.4	379.4	329.58	341.87

*Separate collection since 06/2023

**Collection on demand / scheduled

Key indicator

	Unit	2019	2022	2023	2024
Non-hazardous waste for recycling	kg/gross exhibition area, in m ²	0.84	0.75	0.47	0.71
of which waste for recycling	kg/gross exhibition area, in m ²	0.62	0.40	0.20	0.18
of which mixed waste for pre-treatment	kg/gross exhibition area, in m ²	0.09	0.24	0.18	0.32
of which waste wood AIII	kg/gross exhibition area, in m ²	0.007	0.011	0.002	0.092
of which mixed waste paper	kg/gross exhibition area, in m ²	0	0	0.03	0.09
of which waste food	kg/gross exhibition area, in m ²	0.06	0.03	0.02	0.04
Clinical waste (during operation as vaccination centre)	kg/gross exhibition area, in m ²	0	0	0	0.00

Hazardous waste (e.g. electrical equipment, refrigera- tors, monitors)	kg/gross ex- hibition area, in m ²	0.002	0	0.002	0.002
Total waste	kg/gross ex- hibition area, in m ²	0.838	0.754	0.489	0.713

9.5 Materials

Absolute consumption

	Unit	2019	2022	2023	2024
Standard carpet (own requirements, not incl. exhibitors)	m ²	82,033	107,655	33,286	11,480
Carpet recycling (own requirements, not incl. exhibitors)	m ²	3,314	16,849	71,515	39,945
Recycling of copier paper used in admin- istration	Sheets	800,000	327,000	204,500	208,500
Copier paper used in administration, fresh fibre	Sheets	48,250	43,000	28,500	24,750

Key indicator

	Unit	2019	2022	2023	2024
Standard carpet (own requirements, not incl. exhibitors)	m ² carpet/gross exhibition area in m ²	0.120	0.214	0.049	0.024
Carpet recycling (own requirements, not incl. exhibitors)	m ² carpet/gross exhibition area in m ²	0.005	0.033	0.106	0.083
Recycling of copier paper used in ad- ministration	Sheets/employee	5,229	1,879	1,162	1,158
Copier paper used in administration, fresh fibre	Sheets/employee	315	247	162	138

9.6 Land use

Total land use *

	Unit	2019	2022	2023	2024
Land use	m ²	376,137	367,137	367,137	367,137
Paved area, Trade Fair Centre	m ²	193,738	193,738	193,738	193,738
Paved area, Convention Centre	m ²	22,114	22,114	22,114	22,114
Paved area, total	m ²	215,852	215,852	215,852	215,852
Semi-natural area, Trade Fair Centre	m ²	160,285	160,285	160,285	160,285
Semi-natural area, Convention Centre	m ²	0	0	0	0
Semi-natural area, total	m ²	160,285	160,285	160,285	160,285
Semi-natural areas away from locations	m ²	0	0	0	0

**Uncertainties exist. The paving of the area now known as the Peter-Gross-Bau-Areal was stated as a flat rate of 25% in previous years; the actual proportion of paving was lower and has not increased as a result of the redevelopment compared to the figures reported.*

Key indicator

	Unit	2019	2022	2023	2024
Land use, total	m ² /visitor	0.51	0.91	0.62	0.78

Paved area, total	m ² /visitor	0.30	0.52	0.36	0.41
Semi-natural area, total	m ² /visitor	0.22	0.39	0.26	0.35
Semi-natural areas away from locations	m ² /visitor	0	0	0	0

9.7 Emissions

Absolute

	Unit	2019	2022	2023	2024
CO₂ equivalent (Scope 1 and 2)	t CO _{2eq}	1,330.21	816.54	771.75	842.79
NO_x	kg	1,571	1,095	1,029	1,097
SO₂	kg	428	332	357	395
PM₁₀	kg	275	218	233	235

Key indicator

	Unit	2019	2022	2023	2024
CO₂ equivalent (Scope 1 and 2)	kg/gross exhibition area, in m ²	1.945	1.623	1.145	1.757
NO_x	kg/gross exhibition area, in m ²	0.002	0.002	0.002	0.002
SO₂	kg/gross exhibition area, in m ²	0.001	0.001	0.001	0.01
PM₁₀	kg/gross exhibition area, in m ²	0.000	0.000	0.000	0.000

10 Environmental Programme 2024-2026

We have derived specific environmental targets in line with our key environmental aspects and the resulting areas of action. These were last updated in 2025. The targets are implemented through measures that we continually update and enhance to continuously improve environmental protection. Our environmental programme documents the status of planning

and implementation. It contains measures, deadlines and responsible parties for each area of action and is summarised below.

Environmental Programme 2025–2026

No	Environmental goal	Measure	Dead-line	Status
1	Increase the proportion of separately collected waste fractions and waste sent for recycling by 10% by 2025	Increase waste recycling by 10% in 2025 compared to 2023.	03/2026	In progress. Will be evaluated in 2026 based on the waste records of the waste disposal company for 2025.
3	Use of renewable electricity generated on the exhibition grounds	Installation of PV on the exhibition grounds, possibly by leasing the roof space.	12/2026	In progress
6	Increase energy and plant efficiency	Expansion of the energy monitoring system	12/2026	In progress: 2025: Integration of meters into the energy monitoring system for the Konzerthaus (electricity and heat) & Stadthalle In 2026: expansion and integration of meters in the underground car park (electricity) and water meters in the Schwarzwaldhalle/Gartenhalle (12/26)
7	Increase energy and plant efficiency	Energy-efficient refurbishment of heat generation and distribution (radiators and pumps)	12/2025	Measure postponed due to lack of investment funds. Partial implementation planned during repair programme for the heating circuit circulation pumps by the end of

				2027.
8	Increase energy and plant efficiency	Renovation/renewal of building management system	12/2025	In progress: New building management system implemented on the 3rd floor at the Trade Fair Centre. Implementation postponed due to lack of investment funds: The required network backbone is planned for completion in 2026.
12	Raising employee awareness and improving internal communication on environmental and sustainability issues	Additional biannual campaign to raise awareness among those involved in energy issues to improve input for the control centre's switching operations.	12/2025	In progress: Survey on training needs conducted. Pocket cards/checklists for hall managers and control centre staff to be created by 9/2026.
13	Raising employee awareness and improving internal communication on environmental and sustainability issues	Optimisation of internal communication on environmental and sustainability issues by optimising the intranet presence	12/2026	In progress.
14	Promotion of environmentally friendly exhibitor and visitor mobility	Expansion of the e-charging infrastructure to a total of 114 charging points.	12/2026	In progress: Expected completion at the Trade Fair Centre at the end of 2026.
15	Standardisation of reporting	Definition of division-specific key figures with relevant areas	12/2026	In progress: Division-specific key figures have been defined. In a first step, data sources for division-specific key figures were compiled and initial evaluation dashboards were programmed.

Environmental programme 2024:

No	Environmental goal	Measure	Deadline	Status
1	Increase the proportion of separately collected waste fractions and waste sent for recycling by 10% by 2024	Increase material recycling by 10% for events and administration	12/2024	Target not achieved: no increase in material recycling due to high proportion of waste wood III at two events.
4	Use of renewable electricity generated on the exhibition grounds	Wind measurement on the exhibition grounds for the installation of small wind turbines	12/2024	Target achieved: Wind measurement completed: small wind turbines on the exhibition grounds not economically viable, therefore no construction of turbines. Additional wind measurements on the outdoor grounds of the Peter-Gross-Bau-Areal.
6	Increase energy and plant efficiency	Expansion of the energy monitoring system	Ongoing	The following milestones have been achieved: 2024 Installation and integration of the following meters into the energy monitoring system: - Meters in the extraction and absorption wells at the Trade

				Fair Centre site - Electricity meters in the atrium at the Trade Fair Centre site
13	Raising employee awareness and improving internal communication on environmental and sustainability issues	Optimisation of internal communication on environmental and sustainability issues	12/2024	Target achieved, will be continued
14	Promotion of environmentally friendly exhibitor and visitor mobility	Expansion of the e-charging infrastructure by a further 55 charging points by the end of 2024	12/2024	Target partially achieved: The renewal and expansion of the charging points at the Convention Centre location has been completed. Expected completion at the Trade Fair Centre location in Q1/2026.

11 What we have already achieved/implemented:

Below you will find an overview of measures that have already been implemented at Messe Karlsruhe, sorted according to our three areas of action.

Sustainable implementation and development of events

✓	DB event tickets for travel to many of our events
✓	Trade fair shuttle between Karlsruhe's main railway station and Rheinstetten for many trade fairs
✓	Banners created for events have been and continue to be upcycled* in cooperation with Lebenshilfe-Bruchsal
✓	Sufficient parking spaces for people with disabilities and use of low-floor vehicles by the local public transport provider KVV (e.g. at REHAB) *
✓	Switch to more environmentally friendly, reusable stand construction (Matrix instead of Premium)
✓	Mobile ticketing for visitors and exhibitors
✓	Adjustment of the product range for exhibitors with regard to carpets: Switch to reusable carpet tiles or recyclable carpet flooring Conventional 'rips' carpet flooring is now only provided at the explicit request of customers
✓	Adjustment of the product range for exhibitors: switch to Matrix stand construction as the new, more environmentally friendly standard. 'Premium stand construction' will only be provided upon explicit customer request.

Sustainable building technology and infrastructure

✓	Use of 100% green electricity (certified) for many years
✓	Partial conversion of lighting to LED
✓	Sufficient bicycle parking facilities at the Trade Fair Centre: 300 spaces
✓	Provision of air pumps and simple tools for bicycle repairs for our visitors since August 2023
✓	Mostly barrier-free event rooms, especially at the Trade Fair Centre

Sustainable corporate management and administrative activities.

✓	All employees can work remotely, as far as their tasks allow
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✓	Messe Karlsruhe subsidises the Germany-wide public transport ticket (Deutschlandticket) as a job ticket for its employees and offers the option of a subsidised job bike through cooperation with a provider
✓	Cooperation with Stadtmobil carsharing service to set up a station with currently two cars on the exhibition grounds in Rheinstetten since March 2023
✓	Ongoing efforts by Messe Karlsruhe to connect its site to the cycle highway between Rastatt and Karlsruhe
✓	Provision of company bicycles for many years
✓	Addition of sustainability to the corporate strategy in May 2022
✓	Creation of a sustainability vision and strategy for Messe Karlsruhe in 2021
✓	Electric vehicles in the fleet – especially for short distances
✓	Hybrid company cars, fully electric from the end of 2023
✓	Subsidy of the Deutschlandticket for employees since June 2023
✓	Removal of office printers, focus on a few multifunction devices, implemented since September 2023
✓	Our sustainability steering committee comprising managers from many departments discusses relevant environmental issues, validates key figures and proposes measures under the leadership of the environmental management officers
✓	All departments undergo an annual strategy process and set their own sustainability targets, implemented since April 2023
✓	Definition of responsibilities since July 2022 and appointment of the environmental management officer in July 2023 / reappointment in May 2024
✓	Inclusion of sustainability as a fundamental principle and guiding principle in our corporate culture in July 2022
✓	Criteria for sustainable procurement defined in July 2023
✓	Development and implementation of a waste concept to improve separate collection on site and the recycling rate (material), first implemented in June 2023
✓	Introduction of an environmental management system in accordance with EMAS and successful validation in 2023

** Measure outside the scope of environmental sustainability, information not validated.*

12 Validity statement

The undersigned, Martin Knörich, EMAS environmental verifier with registration number DE-V-0438 at CORE Umweltgutachter GmbH (registration number DE-V-0308), accredited for the sector 'Trade fair, exhibition and convention organisers' (NACE code 82.30), confirms that he has assessed the Karlsruher Messe- und Kongress GmbH and that the company meets all the requirements (as specified in the Environmental Statement) of Regulation (EC) No. 1221/2009 of the European Parliament and of the Council of 25 November 2009 on the voluntary participation by organisations in a Community Eco-Management and Audit Scheme (EMAS), as amended by Amendment Regulation (EU) 2017/1505 of 28 August 2017 and Amendment Regulation (EU) 2018/2026 of 19 December 2018.

By signing this declaration, we confirm

- that the assessment and validation were carried out in full compliance with the requirements of Regulation (EC) No. 1221/2009,
- that the results of the assessment and validation confirm that there is no evidence of non-compliance with applicable environmental legislation,
- the data and information in the organisation's environmental statement provide a reliable, credible and truthful picture of all the organisation's activities within the scope of the environmental statement.

This declaration cannot be equated with EMAS registration. EMAS registration can only be carried out by a competent body in accordance with Regulation (EC) No. 1221/2009. This declaration may not be used on its own as a basis for informing the public.

[Signature]

Waiblingen, 08 December 2025

Place, date, signature

Martin Knörich

Environmental verifier DE-V-0438

CORE Umweltgutachter GmbH

Endersbacher Str. 57

71334 Waiblingen