



## FIZnews

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Page 1 of 2

## FIZ Karlsruhe publishes sustainability report 2024

*Karlsruhe, 02 July 2025* — How sustainable is FIZ Karlsruhe? The new sustainability report 2024, which is now available online, provides answers to this question. The report is intended for anyone interested in environmental and climate protection, social responsibility and sustainable development in science and society.

The report shows where we stand and where we want to go. Once again this year, we have systematically recorded all relevant sustainability activities: from environmental protection and energy consumption to business trips, data protection and working conditions. Once again, it became clear that the path to a more sustainable FIZ Karlsruhe is a long-term process. But progress is being made.

### **Two photovoltaic systems, one renovated roof**

One highlight: in 2024, photovoltaic systems were installed on two roofs - a large one with an output of around 100 kWp on building 241 and a smaller one on building 238. Some of the electricity generated is used directly, while the rest is fed into the KIT grid. In the future, FIZ employees will be able to track via the intranet how much solar power is being generated.

The installation was closely linked to another project: the energy-efficient renovation of the flat roof on building 241. The approximately 750 m<sup>2</sup> roof was getting on in years and was completely renewed. Objectives: less heating energy required, better climate protection and more comfortable working conditions.

### **Green plants instead of concrete**

Page 2 of 2

The view of our roofs has also changed: The connecting wing between buildings 240 and 241 has been greened, as has a previously sealed inner courtyard. This improves the microclimate, binds pollutants and creates a habitat for insects. Low-maintenance planting with various types of sedum, herbs and grasses ensures green diversity on the roof.

### **More accurate data for better decisions**

Data availability and accuracy is still a key issue of the report. We have continued to work on improving information for future carbon footprints. For example, by recording business trips in more detail or through a more differentiated analysis of our electricity consumption. In this way, we are creating the basis for greater transparency - and for well-founded measures in the future.

The full text of the sustainability report 2024 is available at <https://www.fiz-karlsruhe.de/sites/default/files/FIZ/Dokumente/Broschueren/nachhaltigkeitsbericht/fiz-nachhaltigkeitsbericht-2024.pdf>

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