

The University of Bonn puts an emphasis on the procurement of products with a positive social and environmental impact. When creating calls for proposals to select either partners for framework agreements or specific products, sustainability criteria are increasingly being included alongside price.

The following presents several projects for which sustainability criteria have been integrated or action recommendations have been issued.

Already implemented projects

Framework agreement for cleaning chemicals / Requisitioning entity: Section 4.1 Infrastructure and Facility Services

- Article packaging from recycled materials (core product range)
- CO₂-neutral transport by supplier to University of Bonn
- Supplier is DIN EN ISO 14001:2015-certified

Framework agreement for universal paper with the Blue Angel seal / Requisitioning entity: University printing services

- Conversion to paper with the “Blue Angel” environmental seal
- The savings on water, CO₂ and electricity that were achieved by this conversion are presented in the file “*Hausdruckerei Blauer Engel Papier*”

Framework agreement for delivery of electrical energy (green power)

- All electrical power supplied to the user locations must be produced 100% from renewable resources (green power)

Framework agreement for locking systems / Requisitioning entity: Section 4.1 Infrastructure and Facility Services

- CO₂-neutral transport by supplier to University of Bonn

Framework agreement for moving services / Requisitioning entity: Section 4.1 Infrastructure and Facility Services

- All vehicles for this service must be low-emission (emission class 6 only), energy saving and feature reduced noise generation, and be capable of entering low-emission zones
- The contracting parties are explicitly required to reuse moving boxes
- 2 of 4 framework agreement partners are DIN EN ISO 14001:2015-certified

Framework agreement for office swivel chairs

- CO₂-neutral transport by supplier to University of Bonn starting in November 2023
- Supplier is DIN EN ISO 14001:2015-certified

- Supplier is EMAS-certified
- Reprocessing of used office swivel chairs¹

Framework agreement for visitor chairs

- CO₂-neutral transport by supplier to University of Bonn starting in November 2023
- Supplier is DIN EN ISO 14001:2015-certified
- Supplier is EMAS-certified
- Reprocessing of used visitor chairs¹

Framework agreements for toner, printer drums, and ink

- CO₂-neutral transport by supplier to University of Bonn
- Suppliers are DIN EN ISO 14001:2015-certified

Framework agreement for printing of exhibition catalogues / Requisitioning entity: Arithmeum

- Supplier is DIN EN ISO 14001:2015-certified
- Supplier is EMAS-certified
- Printing is climate-neutral

Framework agreement for furniture

Our standard furniture is primarily sourced by our contracting party from one producer. As such, the majority of our furniture meets the following sustainability criteria:

- CO₂-neutral production
- Wood is PEFC-certified
- Supplier is DIN EN ISO 14001:2015-certified
- Furniture or manufacturer is Level® 3-certified

Our recommendations on the intranet for selecting caterers

- Catering

In the catering field, the use of fair-trade coffee, seasonal fruits and vegetables, a regional focus, and a reduction in food waste can make an important contribution. These sustainability aspects should also be taken into account when selecting the caterer.

Notes:

➤ **Climate-neutral or climate-offset shipping**

This means that both companies ensure that the volume of climate-damaging gases in the atmosphere does not increase as a result of shipping. The compensation can occur through the planting of trees, for example.

➤ **CO₂-neutral production**

CO₂ emissions arising from production and transport are analyzed, such as through an external certification firm. The manufacturer then compensates for the volume of emissions by reducing CO₂ emissions within the company and/or investing in environmental protection projects, such as those focused on reforestation or rewetting moors.

➤ **EMAS (Eco-Management and Audit Scheme)**

Businesses with an environmental management system (EMS) address the environmental impact of their activities, products, and services systematically. They take a comprehensive, not a piecemeal, approach to protecting the environment. Within the framework of the EMS, a business determines the relevant environmental impacts of its activities, products, and services as well as its relevant environmental obligations, negotiates goals, and then implements corresponding climate and environmental protection measures.

➤ **Certified based on the DIN EN ISO 14001:2015 environmental management system**

Benefits of this certification: reduction of environmental impact through reduction of emissions, disposable waste, and wastewater. Reduction of costs through targeted management of resources. Certification is performed through an external, independent certification office.

➤ **FSC®** stands for Forest Stewardship Council®. It is an international certification system for sustainable forestry. Wood used in furniture, toys, books, school notebooks and pencils and bearing the **FSC seal** is sourced from forests that have been responsibly cultivated.

➤ **PEFC** is a transparent, independent system for ensuring sustainable forestry. PEFC certification thus acts as a form of global forestry inspection certificate. Wood and paper products with the PEFC seal are sourced from ecological, economical, and socially sustainable forestry.

➤ **The Blue Angel** is the environmental seal from the German Federal Government. It guarantees "high standards for the protection of our environment and health." At its core is an assessment of the question of how products impact the climate, soils, water, air, and resources. Goods should do less damage to the environment than comparable products through more economical use of materials in production and the greatest degree of sustainability in production. Beyond this, the items—depending on the goods group—should be durable, generate little noise or gas emissions and be easily recyclable.

- **Level® 3** is the recognized highest standard for sustainability in office furniture based on the criteria of the FEMB (European Federation of Office Furniture). Level® 3 certification goes far beyond the product itself, assessing in principle all production and sales factors at work in a business. This stretches from recyclability of materials to energy management and social commitment.

- ¹ When ordering a new **swivel chair**, the supplier takes back the used chair by request at no charge. This also applies to chairs sourced from the previous contracting party. The chairs are then either repaired or reconditioned, or else professionally broken down into their individual parts (such as plastics, aluminum and cloth). This extends the lifecycle of the product and materials. The recycling rate for chairs totals 100%.

- ² When ordering a new **visitor chair**, the supplier takes back the chair for a €10 charge. This also applies to chairs sourced from the previous contracting party. The chairs are then either repaired or reconditioned, or else professionally broken down into their individual parts (such as plastics, aluminum and cloth). This extends the lifecycle of the product and materials. The recycling rate for chairs totals 91%.