

IMAGY - ADOBE STOCK/IP/OPBA

Environmental Protection and Resource Conservation

We take ecological and social responsibility very seriously. This is why our company values sustainability, the protection of the environment, and the responsible handling of resources - in a variety of areas.

Energy management

To generate electricity and heat, we operate our own **cogeneration plant** with combined heat and power at our Darmstadt location. The thermal output is approximately 12.5 kW, and the electrical output is approximately 5.5 kW. We consume 100 percent of the heat and electricity this plant creates.

We use the cogeneration plant as a summer boiler for producing hot water. We shut down the large heating boiler during the summer months to save energy. As a result, the resources employed are more effectively converted into usable energy, leading to a significant reduction in the use of primary energy (fuel). The CO₂ emissions are roughly one-third lower than with separate heat and electricity production.



5.5 kW
electrical output of the
cogeneration system

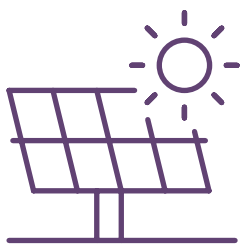


12.5 kW
thermal output of the
cogeneration system

Two **photovoltaic systems** at our Darmstadt location generate electricity from solar energy. These systems can reduce the release of about 50 tons of CO₂ emissions a year.

Our first photovoltaic system with an output of 24 kWp (kilowatt peak) has been in operation since 2010. The energy produced is fed into the public grid.

Our second photovoltaic system has been in operation since 2014 and produces 55 kWp. We use all the energy it produces. This lowers our electricity payments and reduces peak loads, which results in additional cost savings.

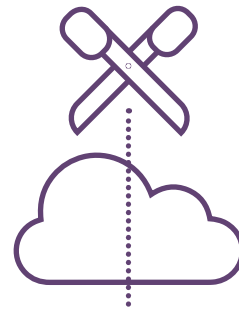


79 kWp
total output of the
photovoltaic systems

We also minimize energy consumption through efficient **heating and ventilation (HVAC) technology**. For lighting, we rely heavily on energy-saving **LED technology**.

To reduce our consumption, we optimize energy usage permanently in other energy-related areas as well – such as by replacing refrigeration systems or actively managing our building systems in regard to energy use.

Routine **energy audits** at our headquarters and subsidiaries verify to us that we are using electricity and heating energy responsibly. In the short term, we implement the necessary measures to achieve the savings potential identified during the audits.



50 tons of CO₂
emissions saved every year



80 %
sustainable and
mono-material packaging

Waste management

Minimizing and eliminating waste is limited not solely to production processes, but is also practiced in all R-Biopharm departments.

Waste is sorted by type and sent for either certified disposal or recycling.

Water protection

We feed only waste water similar to that of a typical household into the sewer system. The waste water from production processes is collected separately and sent for certified disposal.

Water-polluting substances are stored in special safety cabinets or rooms without floor drains to ensure that the groundwater and surface water will not be contaminated in the event of an accident.

Health

Our company cafeteria serves organic food from regional providers and suppliers. This minimizes the environmental impacts in both the production and the transport of the food.

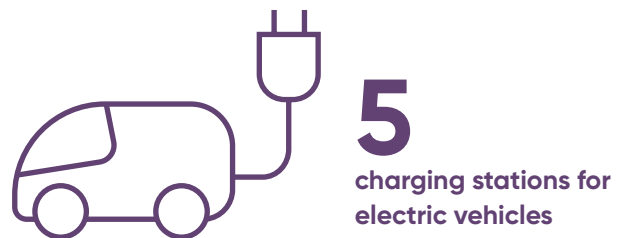


Climate-smart mobility

We have been offering our employees a company bicycle for company and personal use since the summer of 2019. Our employees can also request to receive a job ticket for public transportation. By operating these two programs, we are contributing to reducing CO₂ emissions.

Charging stations for electric vehicles

We encourage electric mobility and have been operating five charging stations for electric vehicles since 2018. Our employees can charge their company or personal vehicle for free.



Air curtain

Since 2020, an air curtain on our shipping and receiving doors has been effectively reducing the loss of energy resulting from frequently opening the doors - in summer and in winter.

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