



Business Parks – climate-resilient and fit for future

Why climate adaptation matters for you and your company!

The increase in extreme weather events has direct negative consequences for buildings and their outdoor facilities. Heating and strong temperature fluctuations affect people and materials. The risk of property damage due to heavy rain increases. Even with simple, comparatively low-investment measures you can make your company climate-resilient and achieve benefits for your company and your employees.



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Natural greenery and recreational areas as well as green roofs and façades protect you, your company and your staff. This is possible without large investments and has a positive long-term effect on your company.

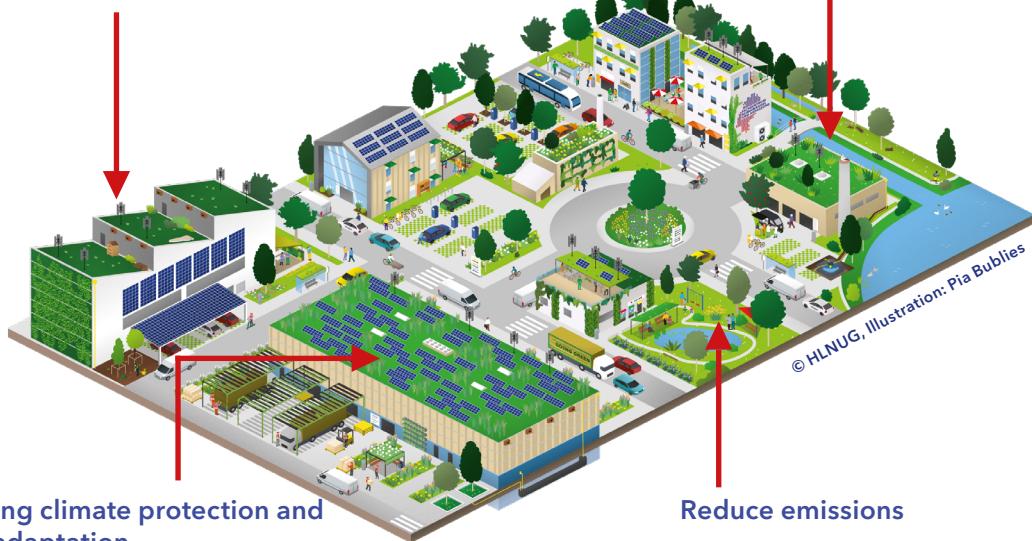
Your advantages:

- ✓ **Make a statement and become a pioneer:** Present your company as a leading example of successful climate change adaptation featuring a near-natural green outdoor area.
- ✓ **Double benefits:** You save energy and therefore costs thanks to the lower maintenance requirements of near-natural greenery while also mitigating the consequences of heat or heavy rainfall, for example.
- ✓ **Protect property value:** A climate-adapted design can increase the value of your property, as green roofs and façades protect against damage caused by strong sunlight or weather extremes such as heavy rain.
- ✓ **Improve quality of life and work performance:** Greenery enhances well-being in and around the building, e.g. through effective heat protection. Even small changes show appreciation for your employees and strengthen their loyalty to the company.
- ✓ **Promote biodiversity:** With a near-natural design, new areas are created for insects and plants, promoting biodiversity while also reducing maintenance costs.
- ✓ **Protect your products:** Climate-adapted buildings can simplify the storage of heat-sensitive products with increased air conditioning requirements. They can also prevent or at least reduce damage caused by heavy rain and flooding, effectively protecting your products and machines.

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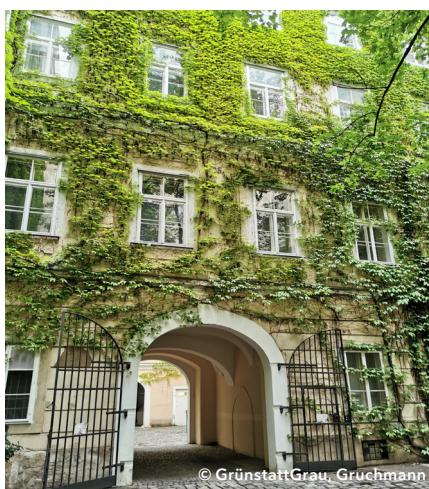
Less energy for cooling and heating

Facade and roof greening has a thermally balancing effect through shading, evaporative cooling as well as wind and insulation protection. This allows energy costs to be saved.



Combining climate protection and climate adaptation

Green roofs and PV systems can be combined, increasing the efficiency of the systems. Greening binds CO₂ and reduces greenhouse gas emissions, which contributes to the sustainable transformation of your company.



Greening pays off

On hot days, green roofs can be up to 25° C cooler than bitumen roofs and also can reduce heat loss in winter by 3-10 %. An 850 m² green façade can replace the cooling capacity of around 75 air conditioning systems.

Reduce emissions

Green outdoor areas and buildings reduce dust and noise emissions. The greenery and plant substrate absorb sound and reduce air pollutants, which improves the ambient air.

Sources:

HLNUG: Broschüre „Gewerbegebiete - klimaangepasst und fit für die Zukunft“, unter https://www.hlnug.de/fileadmin/dokumente/klima/klimprax/Gewerbegebiete-klimaangepasst_und_fit_web.pdf, abgerufen am 20.09.2024.

Föser et al. (2013): Gebäude, Begrünung und Energie: Potenziale und Wechselwirkungen (interdisziplinärer Leitfaden).

sempergreen: <https://www.sempergreen.com/de/ueber-uns/neues/grunes-geld-n-der-wirtschaftliche-wert-der-begruebung-ihres-gebaudes>

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Further information:

Hessian Agency for Nature Conservation, Environment and Geology

Centre for Climate Change and Adaptation

More Fact Sheets: <https://www.hlnug.de/themen/klimawandel-und-anpassung/projekte/ib-green/hilfestellungen-fuer-kommunen>