

# Data Center

## Fossil Free Zone in Transition

at Universität Göttingen



This new high-performance data center is turning **Fossil Free in 2027!**

This shows how **digitalization can reinforce the Fossil Phase-Out.**

# WHY IT'S FOSSIL FREE

The data center sources 50 % of its electricity through a *Grüner Strom Label*-certified tariff, ensuring fossil free procurement.

This will increase to 100% by 2027, following the German Energy Efficiency Law (EnEfG).

The building needs no other energy source than electricity: the waste heat from the servers is used to **heat** the office spaces. A great example of how multiple problems can be adressed simultaneously.

## GRÜNER STROM LABEL

The *Grüner Strom Label* requires that both the physical power and the Guarantees of Origin come from the same renewable source. This **coupled procurement** ensures, that payments go solely to renewables and avoids the widely established greenwashing model, where fossil electricity is labeled "green" through unrelated GO purchases that neither expand renewables nor reduce fossil dependence. By this strategic choice, Göttingen University shifts demand toward actual renewable plants and helps accelerate the fossil phase-out.





## A MODEL FOR OTHERS:

**Fossil free electricity is achievable without going off-grid**, if procurement breaks from fossil dependence and channels payment straight to renewables. This case study provides a **replicable blueprint** for universities, companies, public institutions, and any organisation aiming for credible, future-proof green digitalization.





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Sources:

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