

# Stiftung Universität Lüneburg, Campus Leuphana

**Client:** Stiftung Universität Lüneburg  
**Project:** Construction of the central building  
**Project Period:** 2008 to 2011  
**Area:** 15,000 m<sup>2</sup> (gross floor area)

**Functional Areas:**

- Lecture hall with 1,200 seats
- Conference center
- Center for students
- Research center

**Scope of Services:**

- Heating, air conditioning, ventilation, sanitary technology
- Electrical engineering
- Conveyor technology
- Sprinkler
- Kitchen, laundry and dry cleaning technology
- Building automation
- Work phases 1 to 4 according to HOAI (fee structure for architects and engineers)

**Special Features:**

- Block heat and power plant 350 kW (thermal)
- Absorption cooling 200 kW (refrigeration capacity)
- Heat pump 260 kW<sub>heating</sub>, 200 kW<sub>cooling</sub>
- Geothermal energy field 36 soil sensors
- Concrete core temperature control
- Utilization of rain water 48 m<sup>3</sup> accumulator
- Photovoltaics 130 kW peak

