

# University of Arts Berlin



The University of Arts of Berlin received the GreenBuilding Partner Status in July 2006. The energy supply systems in all 9 buildings of the University have been refurbished. The buildings are partly historical and partly modern – with construction years between 1880 and 1988. The purposes range from concert and theatre halls to auditories and administration buildings.

Siemens Building Technologies (SBT) will re-align energy saving measures within the Energy Saving Partnerships (ESP) in Berlin. ESP was developed and implemented in Berlin as a model for efficient Performance Contracting with the aim of achieving ambitious objectives for climate protection and reducing energy costs in the face of a tight budgetary position.

## Building data

### Building type

Administration buildings (University, Modernisation)

### Size

52.000 m<sup>2</sup> (9 buildings)

### Energy savings


- 4.870 MWh / a
- CO<sub>2</sub> savings: 1.180.000 kg CO<sub>2</sub> / a

### Measures performed

- Air conditioning & ventilation
- Heating & hot water production
- Lighting
- Control system
- Contracting

SBT invested about 930.000 € in refurbishments of the heating supply system, insulation of pipe-lines, optimisation of hot water production, air conditioning, electronic devices as well as in lighting. Through these investments and the optimisation of the system, app. 28 % of the total energy consumption as well as about 238.000 € energy costs are saved per year.



 Universität der Künste Berlin

