

## ENERinTOWN Case Study

### The Energy Controlling System of Heidelberg, Germany

#### Client

Small and medium municipalities

#### Realisation model



With the introduction of the Energy-Controlling-System, the supply data is monthly collected by the energy supervisor of the building. The data has been monthly evaluated in an energy database using the system E58 and adjusted to different weather conditions. It was presented to the users (e.g. school head master, energy supervisor, etc) as monthly energy balance sheets with graphics and tables. This accurate information alone could trigger changes in consumption. The overall evaluation is very good due to saving costs without risks.

#### Measures implemented



- Automated energy monitoring with alarm function
- Training of the building users
- Collaboration with janitors
- Switch off lightning and copier
- Decal information to save energy
- Adjustment of room temperatures
- Installation of clock timers and thermostatic valves
- Replacement of the shower head
- Joint sealing on doors and windows

#### Results

About 8-10% energy savings per year  
The project is repeatable due the fact, that the energy controlling system could be used for other municipalities.

#### Benefits for the clients

- Realised energy savings (8-10%) without investments
- Building up a priority list for energy saving investments
- Evaluation of energy saving measures

#### Contractor

KliBA (Climate protection and energy advice agency Heidelberg – neighbouring municipalities)

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