

Lighting

Lighting has a substantial impact on the environment, accounting for up to 40 % of electricity used in non-residential buildings. Major energy savings can be achieved. Examples from the field have shown that between 30 % and 50 % of electricity used for lighting could be saved investing in energy-efficient lighting systems.

With the procurement of lamps an ergonomic, ecologically meaningful and economical lighting of the working place should be assured. A new lamp is ecologically meaningful if it achieves the same performance with less energy. Besides the initial costs, the energy consumption as well as the life time are to be considered in the economic evaluation.

The following good practice examples of the public and private sector demonstrate, how efficient lighting can be implemented.