



## Lights off!

### What difference does it make if you turn the lights off in the classroom when you leave the room empty?

The production and consumption of electrical power result in an extraordinary amount of pollution. The burning of fossil fuels is accompanied by discharges of acidic gases, dust, soot and other pollutants. Between 15 and 20 percent of the energy produced is used for lighting. If every class turned off a light for one hour it would lead to significant energy savings. This in turn would mean less pollution of the environment, and would save the school money.

### The same is true at home:

Assume there are 1 million families in your region.

Imagine that each family turns off one lamp with a 100 watt bulb for one hour.

This will save 100,000 kilowatt-hours (kWh) of energy and EUR 10,000 (if the price for kWh is EUR 0.1).

**This saving would be sufficient to allow a small-sized power plant to stop working for one hour, and to stop polluting the environment for this time.**

