

# Together on the way to a sustainable university

The current political situation poses major challenges for universities:

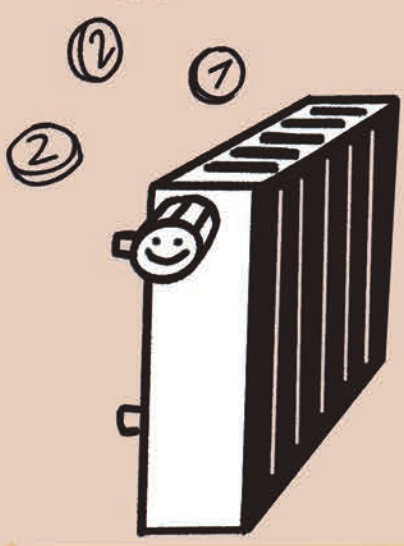
How can we save energy together?



Just 1°C temperature reduction leads to 6% energy savings!

## Saving thermal energy - every degree counts!

### HEATING:



- ON** When heating in the office
- OFF** End of work - Mobilephone, keys, heating off?

Close the doors!  
Otherwise the warm air is lost within no time.

No electric radiators!



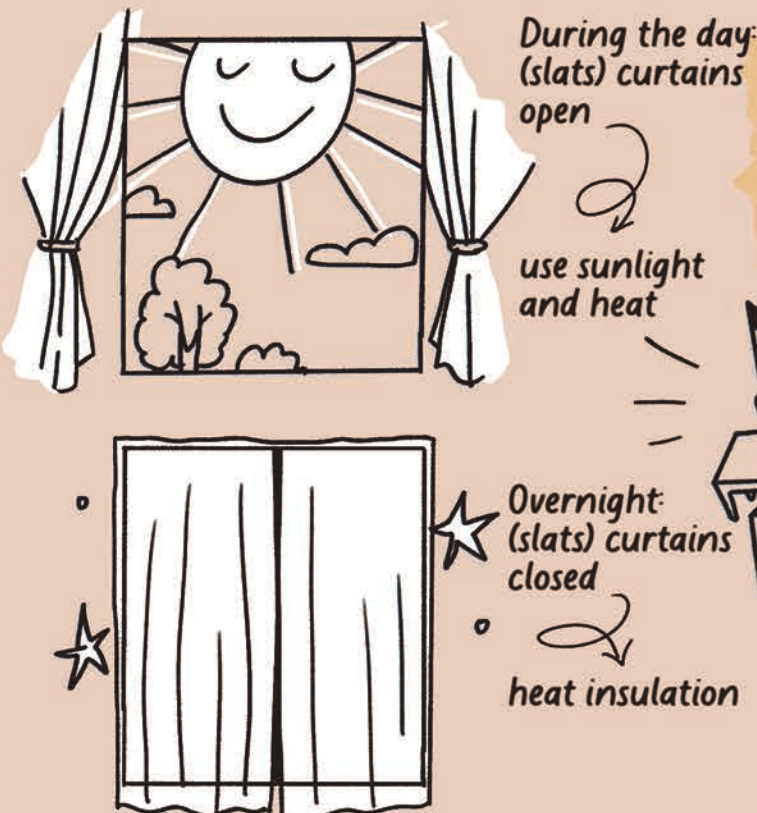
Heating controller set to 3 produces a room temperature of 20°C



inside: Temperature sensor, compares desired temperature with room temperature.

- = Frost protection
- \* ① = 12°C
  - \* ② = 16°C
  - \* ③ = 20°C
  - \* ④ = 24°C
  - \* ⑤ = 28°C
- 3 = 20°C
- \* during ventilation
  - \* at weekends
  - \* outside operating hours
  - \* during holidays and company holidays

### OPTIMISE HEATING OUTPUT



During the day: (slats) curtains open

use sunlight and heat

Overnight: (slats) curtains closed  
heat insulation

No furniture in front of the heating

Heat circulation

- 1 Shock ventilation: improves indoor environment
- 2 Cross ventilation: Permanent tilt window
- 3 Once an hour → 3 - 5 minutes (depending on season and outside temperature)
- 4 Thermostatic valve on frost protection

### VENTILATE PROPERLY



Check: Are all windows and doors tightly shut?

If not ok: Report to the Real Estate Department

### MAIN BUILDING & LECTURE HALLS



- ✓ Keep doors closed, otherwise the warm air escapes and the ventilation system does not work properly.
- ✓ Lecture halls can be air-conditioned
- ✓ Lecture halls have fully automatic ventilation systems: therefore do not ventilate them



TOP: Ventilate every 20 minutes for a few minutes (depending on the season and outside temperature).



FLOP: Permanently tilting windows

DOOR CLOSED: Keep doors closed even during breaks, otherwise the warm air escapes into the corridors.

If lecture halls and seminar rooms are not being used: notify the Real Estate Department

USE:

YES

NO

Thank you for your contribution to making the university climate-neutral and infection-proof. Save your energy for your studies and your work.

