

SciencesPo

# Energy Saving Plan

October 2022

## CONTEXT

- **Regulation** - France's Tertiary Decree sets out requirements for:
  - **Precise monitoring of energy consumption**, with data to be supplied every year as of 2022.
  - **A significant reduction of energy consumption: -40% by 2030 and up to -60% by 2050.**
- **Climate strategy:**
  - According to the university's carbon footprint calculated in 2021, buildings account for **1,600 tons of CO2**, making them the **greatest source of emissions** alongside travel.
  - To contribute to global carbon neutrality, Sciences Po must **reduce its energy-related emissions by almost 80% before 2050.**
- **Energy crisis:**
  - Contribute to collective efforts to combat **tensions surrounding energy supply and the risk of power outages.**
  - Limit the **financial impact** of the crisis.

## AGENDA

1 A proactive energy policy

2 Immediate measures to be implemented in response to the energy crisis

*Staff representative bodies undertake to regularly monitor the implementation of measures.*

An Energy Action Plan is currently being implemented in order to sustainably reduce our energy consumption, in line with the Tertiary Decree and with our own climate strategy:

1

## **EXAMPLES OF MEASURES IMPLEMENTED**

LED lighting

Motion sensors

Switching off of lights by site staff

Connecting new sites to the urban central heating and cooling network

2

## **MEASURES IN THE PROCESS OF IMPLEMENTATION**

Energy and water monitoring system

Energy audits

Energy master plan

Boiler replacement at 30SG

The Climate Fresk

Immediate measures are required in order to **reduce our energy consumption by 10%** in 2023 compared to 2019

1

### **INSTITUTIONAL MEASURES**



Sciences Po has identified several short-term measures that will effectively decrease the energy consumption of its buildings

2

### **INDIVIDUAL MEASURES**



Sciences Po students, faculty members and staff have a duty to follow best energy saving practices



## INSTITUTIONAL MEASURES

- Set temperatures at 19°C for heating and 26°C for cooling across all buildings, where this is possible.
- Eliminate electric space heaters.
- Regulate lighting, air treatment, heating and cooling as precisely as possible on the basis of occupancy.
- Where possible, progressively fit all heating units with thermostatic valves, so as to ensure automatic adjustment to set temperatures: trials to begin in classrooms at 27 rue Saint-Guillaume.
- Continue to check windows in older buildings and fit seals accordingly.
- Accelerate fitting of LED lighting and motion sensors in corridors.
- Remove one in two light sources from corridors and technical areas.
- Strengthen procedures for checking doors and switching off lighting during building closures.
- Limit the use of hot water for washing hands in toilets.
- Limit the number of additional lamps per office.
- Prohibit personal kettles and coffee machines outside of catering/social areas.
- Trial reducing the number of communal spaces open after hours and during less busy periods.

**Continual liaison with staff representative bodies in order to monitor and improve the implementation of measures**



## INDIVIDUAL MEASURES

Members of the Sciences Po community have a duty to adopt the following eco-gestures:

- **Switch lights off** when leaving a room or during the daytime if there is enough ambient light.
- **Switch lights off in corridors and communal areas.**
- **Adjust dimmable LED panels** as precisely as possible.
- **Make maximum use of natural lighting** by keeping windows clear of any obstruction.
- **Close windows** in winter when leaving a room.
- **Turn radiators off before letting air into a room**, where this is possible.
- **Keep radiators clear** of anything that might obstruct heat diffusion.
- **Switch computers and monitors off** in the evenings and before weekends: a computer on standby still uses up to 40% of its power when running.
- **Switch screens off** when leaving the office temporarily (for a meeting, lunch etc.)
- **Adjust screen brightness** to balance visual comfort and energy efficiency.
- **Switch screens and lights off in meeting rooms** after use.
- **Disconnect chargers** after use.
- **Take the stairs rather than the elevator.**

The Ecological Transition Correspondents will act as ambassadors for this action plan in their respective departments