

ECOLOGICAL TRANSITION ACTION PLAN 2024-2027

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GLOSSARY

CSO - Centre de sociologie des organisations (Centre for the sociology of organisations)

DAI - Direction des affaires internationales (International affairs office)

DAJAM - Direction des affaires juridiques, des achats et des marchés (Legal affairs, purchasing and procurement department)

DCOM - Direction de la communication (Communications department)

DE - Direction de l'engagement (Office for sustainability and campus life)

DE (DVE) - Direction de l'engagement / Direction de la vie étudiante (Office for sustainability and campus life / Students life office)

DE (RSE) - Direction de l'engagement / Pôle Responsabilité sociale et environnementale (Office for sustainability and campus life / Social and environmental responsibility office)

DEP - Direction des études et des partenariats (Office for studies and partnerships)

DF - Direction financière (Finance department)

DFR - Direction de la formation et de la recherche (Education and research department)

DI - Direction de l'immobilier (Real estate department)

DRH - Direction des ressources humaines (Human resources department)

DRIS - Direction des ressources et de l'information scientifique (Scientific information and resources department)

DSD - Direction de la stratégie et du développement (Strategy and development department)

DSI - Direction des systèmes d'information (Information systems department)

DSMG - Direction des services et moyens généraux (General services and resources department)

ESR - Enseignement supérieur et recherche (Higher education and research)

FNSP - Fondation Nationale des Sciences Politiques

IPCC - Intergovernmental Panel on Climate Change

ICI - Institut des compétences et de l'innovation (Institute for skills and innovation)

MESR - Ministère de l'Enseignement supérieur et de la Recherche (Ministry of higher education and research)

SBTi - Science-Based Targets initiative

INTRODUCTION

The IPCC's latest report, published in March 2023, reminds us that action is urgently needed if we are to avoid exceeding a temperature rise of 1.5°C, and guarantee a liveable and sustainable future for everyone. Climate change threatens human well-being and the health of the planet. The global surface temperature has already risen by 1.1°C: we have no more time to wait, we must immediately increase our efforts to reduce net global CO₂ emissions to zero.

Universities have a vital role to play in the fight against climate change, not only in educating citizens and producing knowledge, but also in setting an example by controlling and reducing the environmental footprint of our activities. In this context, the Ministry of Higher Education and Research's climate-biodiversity and ecological transition plan for higher education and research (published in November 2022) clearly sets out these challenges, and imposes an annual reduction in greenhouse gas emissions of at least 2%.

Sciences Po is taking action and accepting this responsibility with conviction, going beyond the ministerial request. This can be seen in the launch in November 2023 of the Institute for environmental transformations, and the ambition to become the leading university in Europe for teaching and research on issues related to environmental transformations. Our university is just as ambitious about our own low-carbon transition: we are committed to a 2050 net-zero trajectory, with ambitious intermediate deadlines, notably in 2035, in line with the Paris agreements.

To achieve this, we apply a rigorous method:

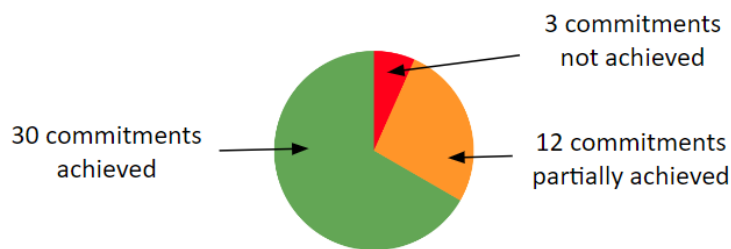
- we use the Sciences Based Target Initiative (SBTi) as the basis for our reduction targets;
- we involve all the Sciences Po communities in building the roadmap for achieving these objectives (students, teachers and administrative staff);
- we give priority to the biggest emitting areas: buildings and travel;
- we will be experimenting with innovative mechanisms in the higher education sector, such as carbon quotas applied to business travel, and we will be sharing the results of our work with our partner universities and networks to contribute to reflection and action.

The ecological transition concerns us all: the whole institution is committed. To coordinate our actions, under the leadership of Sciences Po head of environmental sustainability, a steering committee will be set up. This will enable us to assess our progress in each area of action and share it annually with Sciences Po's governing bodies and communities. To measure our results, our carbon footprint will be updated at least every 2 years and made public.

INTRODUCTION

Context

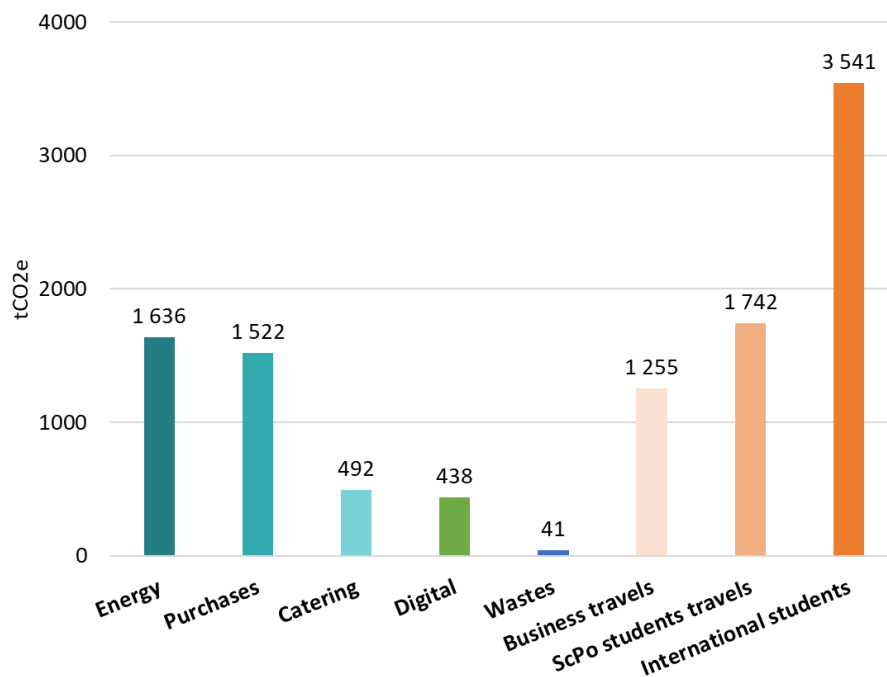
Sciences Po has drawn up an [initial ecological transition action plan for the period 2020-2023](#). Out of 45 commitments divided into 10 objectives, 30 have been achieved, 12 partially achieved and 3 have not been achieved. The detailed report can be found at [this link](#).



As the action plan was drawn up before the Carbon Footprint, the objectives were prioritised at a later stage. Overall, **the objectives for the areas with the highest emissions were achieved** (energy, travel, digital and purchases). New actions have even been initiated. Given their low carbon impact, objectives relating to waste and paper consumption were not prioritised and have only been partially achieved.

It should be noted that the results of the action plan reflect the situation in Paris campus. **Efforts must continue in other campuses** for the period 2024-2027 and beyond.

The Carbon Footprint carried out in 2021 based on 2019 data and adjusted in 2023 identified the following breakdown of Sciences Po's greenhouse gas emissions:



Methodology

Our climate strategy is based on the **net-zero standard** method of the **Science Based Targets Initiative (SBTi)**, which defines emission reduction targets that are consistent with scientific recommendations (in line with the Paris agreements).

In terms of scope, Sciences Po's net-zero trajectory concerns our **Scope 1 emissions (direct emissions), Scope 2 emissions (indirect energy-related emissions) and Scope 3 emissions (indirect emissions)**. According to SBTi, scope 3 indirect emissions must be covered by reduction targets if they represent more than 40% of total emissions, which is the case at Sciences Po. Only **emissions linked to student travel are excluded from these targets**. Their impact is indeed calculated in the Carbon Footprint, which makes it possible to monitor their evolution, but Sciences Po does not wish to set targets for reducing student travel at the moment in order to pursue our institutional commitment to an international experience for the entire student community. More generally, it is not a question of opposing Sciences Po's strategy of international openness against its climate strategy.

All Sciences Po communities have been involved in building our net-zero trajectory and the associated action plan, in particular **students** through the Ecological Transition Student Advisory Committee, **research centres** involved in the test phase of the carbon quota mechanism, and **employees** through the Ecological Transition Correspondents network. Numerous working sessions have been organised with the **departments particularly concerned by** the challenges of the action plan (Real Estate Department, General Services and Resources Department, Legal Affairs Purchasing and Procurement Department, etc.). Members of the **permanent faculty** were also consulted.

Lastly, an **external consultancy firm** has been working with us to produce our 2022 Carbon Footprint, adjust our 2019 Carbon Footprint and build our net-zero trajectory.

Net-zero trajectory

Sciences Po's objectives for reducing greenhouse gas emissions are as follows:

- **-90% by 2050** compared to 2019 on scopes 1, 2 and 3, to reach **net zero**
- **-60% by 2035** compared to 2019 on scopes 1, 2 and 3, to achieve **carbon neutrality**

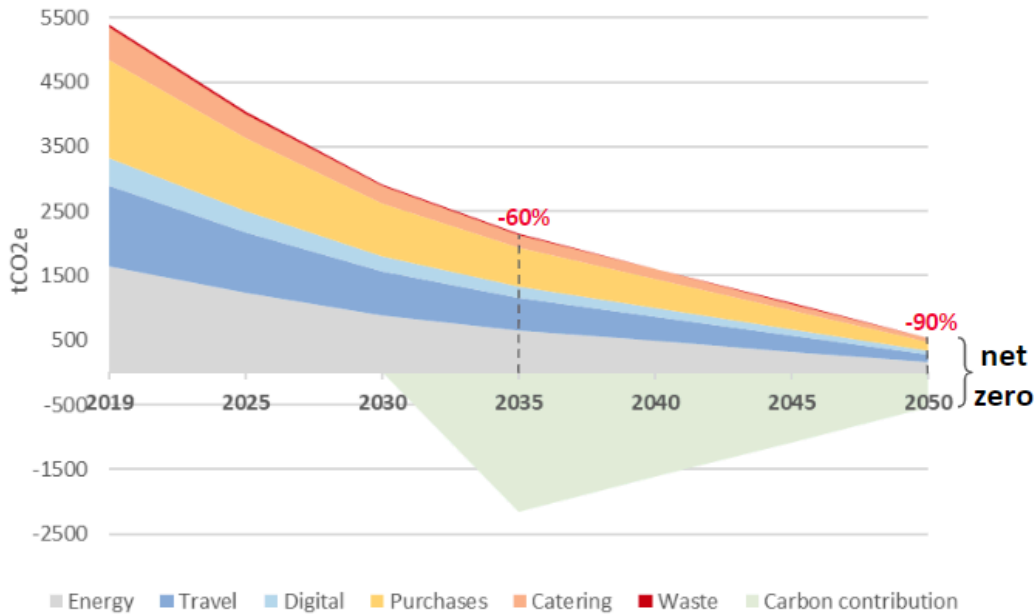
Our interim reduction targets are **-30% in 2027 and -46% in 2030** compared to 2019, for scopes 1, 2 and 3.

In addition to these reduction targets, Sciences Po **will finance carbon contribution projects for its scopes 1, 2 and 3 by 2035 at the latest**.

A **sourcing phase** involving students helped to identify the type of carbon contribution projects to be favoured for a virtuous approach. We will select **certified projects** (VCS, Gold Standard or Label Bas Carbone), both **national and international** and from a **variety of sectors**. Particular attention should be paid to **environmental and social co-benefits**

(biodiversity, sustainable development of local communities, etc.) and to the **transparency of project operators**.

Sciences Po's net-zero trajectory is illustrated by the graph below:



The definition of the net-zero trajectory and the associated action plan is an exercise that will be subject to **adjustments and revisions**. The exercise is being carried out initially for the periods 2027 and 2035, and will then continue, taking into account the results achieved, changes in our business and our constraints, as well as changes in the carbon intensity of other sectors linked to their own transition (energy, aviation, agriculture, etc.).

The first 5 areas of this action plan will contribute directly to our net-zero trajectory. The next 5, while not having a significant carbon impact, are nonetheless major areas of work in the context of an ambitious ecological transition.



AREA 1: ENERGY



Greenhouse gas emissions linked to the energy consumption of our buildings represent the largest part of our carbon footprint. The target is to reduce them by 30% by 2027, and by 60% by 2035. The financial estimates and the carbon impact of the energy actions presented below are mainly based on the energy audits carried out in 2023 on the buildings of the Paris campus.

Targets for 2027 :

Objective 1.1: Continue the energy saving plan

The energy saving plan (available at [this link](#)), launched in autumn 2022 resulted in energy savings of around 15% over the winter of 2022-2023, compared with the previous winter (the climate correction has been taken into account and the calculation was carried out on 4 of the main buildings on the Paris campus). The challenge over the next few years is to ensure that the good practices that have been introduced continue.

Leader: DI // Project team: DE (RSE) / DSMG

Deadline: 2024-2027

Estimated carbon gain: 15% or 245tCO₂

Objective 1.2: Carry out energy audits on campuses in the regions

After carrying out energy audits in 2022-2023 on buildings in Paris, a campaign of energy audits is to be undertaken on campuses in the regions.

Leader: DE (RSE) // Project team: Regional campuses / DI

Deadline: S1 2024

Estimated financial cost: €15k

Objective 1.3 : Evaluate the energy and carbon gains achieved by the renovation works at 30 rue Saint-Guillaume

As part of the renovation work that has been carried out in 2022-2023, the building's natural gas-fired heating system has been partially replaced by a reversible heat pump powered by electricity, which is much less carbon-intensive.

Leader: DI // Project team: DE (RSE)

Deadline: S1 2024

Estimated carbon gain: 30tCO₂

Objective 1.4 : Merge the 'schéma directeur énergie' (energy master plan) with the 'schéma pluriannuel de stratégie immobilière' (multi-annual real estate strategy plan)

An energy master plan was drawn up following the energy audits of the Paris buildings. The aim now is to integrate the regional campuses into this plan, and to merge it with the multi-annual real estate strategy plan, in order to obtain a global vision of future building

issues.

Leader: DI

Deadline: S2 2024

Objective 1.5: Implement energy efficiency measures on the Paris campus

The first projects identified are the replacement of the boiler at 13 rue de l'Université, and the renovation of the roof at 25 rue Saint-Guillaume.

Leader: DI

Deadline: S2 2024

Estimated financial cost: €415k for 13 rue de l'Université and €145k for 25 rue Saint-Guillaume

Objective 1.6: Carry out energy efficiency work in Nancy

Leader: DI

Deadline: S2 2024

Estimated financial cost: €250k

Objective 1.7 : Control energy consumption using an energy manager and optimise systems

An initial level of monitoring of energy consumption has been initiated with the introduction of the Inter-Ministry Fluid Monitoring Tool (OSFI). The support of an energy manager will enable us to monitor and control our energy consumption as closely as possible according to our uses, and to consider the necessary actions to optimise our systems.

Leader: DI // Project team: DE (RSE)

Deadline: S2 2024

Estimated financial cost: €300k/year, €3M/10 years

Objective 1.8 : Carry out studies in preparation for energy renovation work

The priority sites identified are 30 rue Saint-Guillaume, 13 rue de l'Université and 27 rue Saint-Guillaume.

Leader: DI

Deadline: 2025

Estimated financial cost: €55k

Objective 1.9: Study the possibilities of being connected to district heating/cooling networks

Several sites in Paris are already connected to the district heating network (13 rue de l'Université, 1 place Saint-Thomas, 28 rue des Saints-Pères and 9 rue de la Chaise). 1 place Saint-Thomas is also connected to the district cooling network.

Leader: DI // Project team: DE (RSE)

Deadline: 2025

Objective 1.10: Launch renovation work at 56 rue des Saints-Pères

The works programme has been drawn up. The launch of the project is now awaiting the mobilisation of all the necessary financial resources.

Leader: DI

Deadline: 2026

Objective 1.11: Move to a campus in Dijon that meets the new environmental standards

Leader: DI

Deadline: 2026

Objective 1.12: Replace the oil-fired boiler with district heating in Nancy

The carbon intensity of oil-fired heating is much higher than that of district heating. Replacing the current boiler on the Nancy campus with a connection to the district heating network will therefore result in significant carbon savings.

Leader: DI

Deadline: 2026

Estimated carbon gain: 20tCO₂ // Estimated financial cost: €300k

Objective 1.13: Draw up a climate change adaptation plan

Leader: DI / DE (RSE) // Project team: DFR

Deadline: 2026

Additional 2035 actions:

Action 1: Complete the renovation of 56 rue des Saints-Pères

Leader: DI // Deadline: 2028

Estimated carbon gain: 100tCO₂ // Estimated financial cost: €25M (for the entire operation)

Action 2: Improve the energy performance of 30 rue Saint-Guillaume

Leader: DI // Deadline: 2035

Action 3: Undertake the energy renovation of 13 rue de l'Université

Leader: DI // Deadline: 2035

Estimated carbon gain: 63tCO₂ // Estimated financial cost: €4M

Action 4: Undertake the energy renovation of 27 rue Saint-Guillaume

Leader: DI // Deadline: 2035

Estimated carbon gain: 200tCO₂ // Estimated financial cost: €13M

Action 5: Undertake the energy renovation of 28 rue des Saints-Pères

Leader: DI // Deadline: 2035

Estimated carbon gain: 100tCO₂ // Estimated financial cost: €6.5M

Action 6: Undertake energy performance initiatives on regional campuses

Leader: DI // Deadline: 2035

Estimated carbon gain: ~10% or 65tCO₂

The estimated carbon gain linked to the implementation of these actions between now and 2035 is 823tCO₂, i.e. a **50% reduction** compared to the 1637tCO₂ emitted in 2019. If national targets are met (a 33% reduction in the carbon footprint of energy production), Sciences Po's targets should be achieved.

The implementation of these actions remains dependent on the obtention of the necessary financial and human resources. In close collaboration with the General Secretariat, grant applications will be made to various public bodies:

- Ministry of Higher Education and Research within the framework of contracts for objectives, resources and performance (COMP);
- Calls for projects dedicated to the energy performance of the property assets of public institutions and operators ('Resilience' Calls).
- Local authorities partnering our regional campuses;
- Others (City of Paris, Ile-de-France Region, ADEME).

Funding may also be sought from sponsors. Budget estimates will be updated in line with FNSP budget forecasts.

With the exception of 56 rue des Saints-Pères, the costs are significantly underestimated as the necessary works unrelated to energy are not taken into account (compliance with disability standards, fire safety, etc.). Rehousing costs are also to be expected for major works.

It should also be noted that energy savings will lead to financial gains, which are difficult to quantify given the volatility of energy prices.

AREA 2: TRAVEL



Greenhouse gas emissions linked to business travel represent 1255tCO₂. The objective is to reduce these emissions by 30% by 2027 and by 60% by 2035. These emissions mainly concern travel financed by Sciences Po for administrative staff and teacher-researchers. Given the high use of public transport and soft mobility on the Paris campus, home-to-work commuting has a limited impact.

Targets for 2027 :

Objective 2.1: Offset for travel by executive committee members

In parallel with efforts to reduce all business travel, Sciences Po wishes to initiate its contribution to carbon sequestration projects, up to the level of emissions emitted by executive committee members' travel (less than 20tCO₂ in 2023).

Leader: DE (RSE)

Deadline: S1 2024

Estimated financial cost: €3k / year

Objective 2.2: Test the carbon quota mechanism

The carbon quota mechanism sets a quantified limit on the CO₂ emissions that can be emitted over a given period. Each department is free and autonomous in deciding how to reduce its travel in the most relevant and efficient way. The quotas are defined on the basis of emissions for the reference year 2019. They may be revised to take into account the growth of a service or changes in its activity. The quotas will be non-blocking, but an annual review will be carried out by the governing bodies. Travel by students and in the context of classes are not affected.

Leader: DE (RSE)/DSMG // Project team: CSO, Department of Economics, DAI

Deadline: S1 2024 for the test phase, 2025 for all Sciences Po departments, subject to validation of the 2024 test phase.

Estimated carbon gain: 25% in 2025, i.e. 255tCO₂

Objective 2.3: Study the possibility of a carbon tax in addition to the carbon quota

The carbon tax consists of setting a price per tonne of carbon emitted. This financial incentive could be applied in addition to the carbon quota.

Leader: DE (RSE) / DSMG // Project team: CSO, Economics Department, DAI, DF

Deadline: 2025

Objective 2.4: Reduce flights to Menton by 50% by rationalising teachers' travel

In addition to the teachers available locally, teachers from the Paris campus travel to Sciences Po's regional campuses to teach. These trips are made exclusively by train, with the exception of the Menton campus, which is more than 4 hours by train from Paris (6 hours 46 minutes minimum, with a change in Nice). To reduce this impact, efforts are already being

made to rationalise teachers' travel (longer stays to avoid weekly journeys, for example).

Leader: DFR / Undergraduate College

Deadline: 2027

Estimated carbon gain: 85tCO₂

Objective 2.5: Renew the travel agency contract by integrating stronger environmental criteria

Environmental criteria such as carbon reporting and easier booking of train tickets will be taken into account and evaluated in the next contract. A preliminary sourcing phase will identify best practices in the market.

Leader: DSMG // Project team: DE (RSE), DAJAM

Deadline: 2025

Objective 2.6: Assess the potential impact of the increase in videoconferencing associated with the policy to reduce travel

The reduction in business travel may be accompanied by an increase in videoconferencing. As this practice is also responsible for carbon emissions, a detailed analysis of this substitution effect will be necessary.

Leader: DE (RSE) // Project team: ICI

Deadline: 2025

Objective 2.7: Evaluate the feasibility of implementing a sustainable mobility pass for home-to-work commuting

The sustainable mobility pass is designed to promote soft mobility and raise the profile of existing mobility aids at Sciences Po (reimbursement for public transport or bike hire services, sustainable mobility package, etc.).

Leader: DRH / DE (RSE) // Project team: DSMG

Deadline: 2025

Estimated financial cost: €30k / year

Objective 2.8: Raise students' awareness of the use of soft mobility for school-related travels

Although students' travels are not covered by the institutional reduction targets, Sciences Po would like to raise students' awareness of soft mobility (by sharing experiences, highlighting existing aid schemes, etc.).

Leader: DAI / DE (RSE)

Deadline: 2025

Additional 2035 actions :

Action 1: Reduce business travel by 45% (apart from Menton) thanks to the carbon quota

Leader: DE (RSE) / DSMG

Deadline: 2035

Estimated carbon gain: 460tCO₂

Action 2: Reduce flights to Menton by 75%.

Leader: DFR / Undergraduate College

Carbon gain: 130tCO₂

Deadline: 2035

At this stage, the estimated carbon gain linked to the implementation of these actions between now and 2035 is 590tCO₂, i.e. a **47% reduction** compared to the 1255tCO₂ emitted in 2019. In addition to the concrete measures to be implemented within the institution, Sciences Po will take part in the public debate on reconciling international experience in higher education with the climate crisis (see objective 9.4).

AREA 3: DIGITAL

Greenhouse gas emissions linked to digital activities represent a significant and growing proportion of our carbon footprint: the amount of data stored by Sciences Po, for example, doubled between 2020 and 2022. The objective is to reduce digital emissions by 30% by 2027, and by 60% by 2035. To achieve this, efforts should be concentrated on equipment, which has by far the highest carbon impact (impact divided between the manufacture of equipment (45%), its use (20%), the use of data centres (20%) and the use of networks (15%) - see source: "[Déployer la sobriété numérique](#)" The Shift Project, 2020). The lifespan of Sciences Po's IT devices has already been extended from 4 to 6 years since 2013 for staff workstations and 2016 for classrooms, which represents a carbon saving of almost 50tCO₂ / year.



Targets for 2027 :

Objective 3.1: Specify and monitor carbon impact

Leader: DE (RSE) / DSI // Project team: ICI, DSMG

Deadline: S2 2024

Objective 3.2: Define a policy for purchasing and allocating IT, audiovisual and mobile telephone equipment to limit the number of devices.

In order to limit the number of devices (computer screens, meeting room screens, business mobile phones, etc.), rules governing their purchase or hire and their allocation must be defined. The process for renewing devices needs to be formalised (when can devices be renewed? what happens if there is a change in management? how can a single piece of equipment (laptop, for example) be replaced without replacing the entire workstation (screen, keyboard, mouse, etc.)?)

Leader: DSI / ICI / DSMG // Project team: DE (RSE)

Deadline: 2025

Objective 3.3: Renew IT and audiovisual equipment contracts by incorporating strengthened environmental criteria

The environmental criteria will take into account the following aspects in particular: reconditioned equipment where relevant, reparability index, scope and duration of warranties, rental possibilities, etc. It should be noted that both the AMUE and the manufacturers are already emphasising these aspects in their calls for tenders. This trend is likely to grow.

Leader: DSI / ICI // Project team: DE (RSE), DAJAM

Deadline: 2025

Objective 3.4: Use 100% refurbished mobile phones when renewing equipment

Refurbished mobile phones are already offered, but are not compulsory. The objective is to offer refurbished devices by default, unless the supplier is out of stock.

Leader: DSMG
Deadline: S2 2024

Objective 3.5: Reduce data storage in the cloud and keep it below 500TB

The amount of data stored on Sciences Po Google cloud in January 2023 was 600TB, almost twice the 330TB stored in 2020. Limiting individual storage and data deletion operations, as well as sending emails reasonably, will help to achieve this objective. At the same time, we will be measuring the data stored on other applications (Banner, SI-CF, Amon, etc.) to complete the digital carbon footprint and take the necessary steps to reduce it.

Leader: DSI
Deadline: 2027

Objective 3.6: Raise awareness on digital sobriety among Sciences Po communities

Following the actions already undertaken (notably the 'digital fitness programme'), the Sciences Po communities must be informed of the environmental impact of digital activities and made aware of the best practices to adopt. To this end, a user guide will be put online, and collective events such as 'digital cleanup day' could be organised.

Leader: DE (RSE) / DSI / ICI
Deadline: 2024-2027

Objective 3.7: Create a sustainable IT working group within the DSI

The aim of the working group will be to monitor the objectives of the digital section of this action plan, to ensure that they are implemented by the various DSI departments, and to make the link with the ecological transition mission.

Leader: DSI
Deadline: 2024

Objective 3.8: Study the environmental impact of artificial intelligence

At this stage, relatively little is known about the environmental impact of artificial intelligence, mainly due to a lack of available data. Given the increasing use of artificial intelligence, including in higher education, more needs to be done to measure its impact.

Leader: ICI / DE (RSE) // Project team: DSI
Deadline: 2027

Objective 3.9: Develop eco-responsible digital communications

Leader: DCOM
Deadline: 2027

Ideas to be explored for 2035 :

Idea 1: Study the possibilities of implementing "Bring your own device" (BYOD) and/or "Corporate owned, personally enabled" (COPE).

These practices, implemented in certain companies, allow employees to use their personal IT equipment in a professional context (BYOD), or to use their professional IT equipment in a personal context (COPE). Before considering this practice at Sciences Po, it will be necessary to study the cybersecurity and data management issues involved.

Leader: DSI // Deadline: 2035

Idea 2: Study possible improvements in the area of eco-design and train DSI teams

Leader: DSI // Deadline: 2035

Idea 3: Optimise the environmental methods used to store Sciences Po data (internal storage and external service providers).

Leader: DSI // Deadline: 2035

The carbon impact of all these measures is difficult to quantify at this stage. Efforts will aim to reduce the carbon impact of the digital sector by 30% by 2027 and by 60% by 2035, and may be adjusted if necessary.

AREA 4: PURCHASES



According to the Carbon Footprint methodology, every time we spend money on a supplier to buy a good or service, part of the emissions our supplier is responsible for when creating this good or service is included in our carbon footprint. The carbon impact of purchases is therefore significant, and we aim to reduce it by 30% by 2027 and 60% by 2035.

Targets for 2027 :

Objective 4.1: Draw up a plan to promote socially and economically responsible public procurement (SPASER)

The SPASER will define Sciences Po's purchasing policy objectives for the coming years, in terms of environmental, social and economic issues.

Leader: DAJAM // Project team: DE (RSE)

Deadline: S1 2024

Objective 4.2: Increase the weight of environmental criteria in calls for tender

A minimum percentage allocated to environmental criteria will be defined when the SPASER is drawn up.

Leader: DAJAM // Project team: DE (RSE)

Deadline: S2 2024

Objective 4.3: Include environmental considerations in all contracts

Today, environmental considerations (criteria and/or clauses) are included in most contracts where environmental issues are important (waste collection or catering, for example). Due to operational constraints or the immaturity of some supplier contracts, it has not always been possible to take environmental issues into account. Ultimately, we want this to apply to all contracts, including those with less obvious environmental issues (intellectual services, for example).

Leader: DAJAM // Project team: DE (RSE)

Deadline: 2027

Objective 4.4: Improve monitoring of compliance with environmental commitments by suppliers and support the introduction of improvement plans

The method for analysing and monitoring commitments is to be defined when the contracts are awarded.

Leader: DAJAM // Project team: DE (RSE), prescribing departments

Deadline: 2027

Objective 4.5: Obtain the carbon footprints from the majority of our top 20 suppliers, and ask them to draw up a reduction plan compatible with the Paris agreements.

The 20 suppliers with whom Sciences Po spends the most have a significant impact on the carbon footprint of our purchases. Obtaining their carbon footprint will enable us to refine our own, by integrating their economic carbon intensity. Encouraging them to define a reduction plan that is compatible with the Paris agreements will make it possible to reduce this carbon intensity, and therefore our carbon footprint.

Leader: DAJAM // Project team: DE (RSE)

Deadline: 2027

Ideas to be explored for 2035 :

Idea 1: Obtain the carbon footprint of all suppliers, as well as their decarbonisation plan

Leader: DAJAM // Project team: DE (RSE)

Deadline: 2035

Idea 2: Ask for quantified progress plans in line with the Paris agreements, with penalties

Leader: DAJAM // Project team: DE (RSE)

Deadline: 2035

Idea 3: Include carbon pricing in calls for tender

Leader: DAJAM // Project team: DE (RSE)

Deadline: 2035

The carbon impact of all these measures is difficult to quantify at this stage and depends on the actions taken by our suppliers. Efforts will aim to reduce the carbon impact of purchases by 30% by 2027 and 60% by 2035, and may be adjusted if necessary.

AREA 5: CATERING

Food consumed at Sciences Po in cafeterias, vending machines or through the catering market has a significant carbon impact. It should be noted that the composition of the meals consumed is by far the most carbon-intensive aspect, well ahead of transporting the food or packaging it, for example. The average carbon impact of a meal is 7kgCO₂ if it consists of red meat, 1.6kg for white meat and 0.5kg for a vegetarian dish (source: [ADEME](#)). The actions proposed in our climate strategy therefore take this aspect into account.



Targets for 2027 :

Objective 5.1: Raise awareness of the carbon and environmental impact of catering among Sciences Po communities

Leader: DE (RSE) // Project team: DSMG, Student Associations

Deadline: 2024-2027

Objective 5.2: Continue our work with the CROUS to reduce the impact of cafeterias

A working group, including Sciences Po Environnement student association, has been set up to dialogue with the CROUS and propose measures to improve the environmental impact of the cafeterias (e.g. increasing the number of vegetarian options, replacing the water bottle on the student menu by a fruit or a yoghurt). Further work will focus on increasing the use of local, sustainable products, reducing packaging, introducing a vegetarian day and eliminating red meat.

Leader: DE (RSE) / DSMG // Project team: Student associations

Deadline: 2024-2027

Objective 5.3: Continue to improve the quality of vending machine products, in collaboration with student associations

The Sciences Po Environnement student association was involved in the renewal of the vending machine contract in Paris. Thanks to a survey of student communities, a number of environmental criteria were taken into account (e.g. plant-based milk). The collaboration should be continued, in particular to assess satisfaction with the products on offer, and to consider their development.

Leader: DE (RSE) / DSMG // Project team: Student associations

Deadline: 2024-2027

Objective 5.4: Install a connected 0-waste fridge offering 50% of vegetarian dishes

A connected fridge will be installed on the Paris campus in 2024, at 30 rue Saint-Guillaume. The dishes will be 50% vegetarian, and the glass containers will be recycled for reuse.

Leader: DSMG // Project team: DE (RSE)

Deadline: S1 2024

Estimated financial cost: €10k / year

Objective 5.5: Ensure the implementation of new criteria for the catering market

Two key environmental requirements have been incorporated into the new catering contract up for renewal in 2023: the elimination of red meat and a 40% vegetarian catalogue.

Leader: DSMG // Project team: DE (RSE)

Deadline: 2024-2027

Objective 5.6: Specify data collection

More detailed data collection on the catering aspect (types of meals eaten at the CROUS, for example, questionnaire on eating habits, etc.) will enable us to refine our carbon footprint.

Leader: DE (RSE) // Project team: DSMG

Deadline: 2025

Ideas to be explored for 2035 :

Idea 1: Examine the possibility of a vegetarian catering catalogue

Leader: DSMG / DE (RSE) // Project team: DAJAM

Deadline: 2035

Idea 2: Introduce two vegetarian days in cafeterias

Following the example of a number of public schools (such as the ones in Paris and Lille), we will be looking with the CROUS at the possibility of introducing two vegetarian days in the cafeterias.

Leader: DSMG / DE (RSE)

Deadline: 2035

The carbon impact of all these measures is difficult to quantify at this stage. Efforts will aim to reduce the carbon impact of catering by 30% by 2027 and 60% by 2035, and may be adjusted if necessary.

Given their low carbon content, areas 6 to 10 are not part of our net-zero trajectory. Nonetheless, they remain major areas of work in the context of an ambitious ecological transition. The actions mentioned below are to be completed by 2027.

AREA 6: WASTE

Objective 6.1: Reduce the production of waste linked to our purchases (catering, supplies, etc.)

Leader: DE (RSE) // Project team: DSMG, DAJAM, prescribing departments

Deadline: 2024-2027

Objective 6.2: Study the possibility of setting up a waste-sorting point on the Paris campus

The aim of a waste-sorting point would be to collect a wide variety of waste in one place. This would give Sciences Po communities a clearer idea of the sorting and recycling options available on campus, and would make collection easier. Depending on the results of this study and a possible test in Paris, the implementation of this system on regional campuses could be studied.

Leader: DSMG // Project team: DE (RSE) / Regional campuses

Deadline: 2025

Objective 6.3: Calculate and improve the furniture reuse rate

We want to work with our used furniture collecting partners to obtain more data on reuse and recycling rates, and improve them.

Leader: DSMG // Project team: DE (RSE)

Deadline: S2 2024

Objective 6.4: Encourage reuse through the donation or loan of objects (book and donation boxes, object libraries, donation platforms, etc.).

A book box managed by the Sciences Po Environnement association is already present on the Paris campus. We would like to pursue our initiatives in favour of re-use by encouraging, for example, the setting up of an object library for lending objects, or a platform open to the Sciences Po communities for donating objects.

Leader: DE (RSE) // Project team: DSMG, ICI, student associations

Deadline: 2025

Objective 6.5: Provide a solution for collecting bio-waste on all campuses

In line with the anti-waste law for a circular economy (AGEC), which requires all campuses to have a bio-waste treatment solution in place by 2024, we want all campuses to have a local collection option. On the Paris campus, a compost has already been set up, thanks to the support of the Paris City Council.

Leader: DSMG / DE (RSE) // Project team: Regional campuses
Deadline: S2 2024

Objective 6.6: Reduce printing and therefore paper waste by 15% by reducing the needs

All Sciences Po communities are called upon to control their printing. The dematerialisation of business processes and the use of electronic signature will also contribute to this objective.

Leader: DSI // Project team: DE (RSE), all Sciences Po communities
Deadline: 2027

AREA 7: BIODIVERSITY AND WATER RESOURCES

Objective 7.1: Continue operating the participatory vegetable garden at Saint Thomas and consider replicating it on other campuses

Leader: DE (RSE) // Project team: Regional campuses
Deadline: 2025
Estimated financial cost: €12K / year in Paris

Objective 7.2: Continue efforts to promote biodiversity on campus (insect hotels, greening of buildings, etc.)

Projects such as the installation of insect hotels will be encouraged. Sciences Po will also continue its efforts to plant spaces and manage green areas in an environmentally friendly way, without the use of phytosanitary products.

Leader: DSMG / DE (RSE) // Project team: student associations, regional campuses
Deadline: 2025

Objective 7.3 : Define a water plan

We will identify measures to aim for sobriety in the use of water resources (monitoring water consumption, water-efficient management of green spaces and of the vegetable garden, study of rainwater recovery for watering the gardens, etc.).

Leader: DE (RSE) // Project team: DSMG / DI
Deadline: 2025

AREA 8: AWARENESS-RAISING AND TRAINING

This part of the ecological transition action plan concerns only the training of Sciences Po employees and raising awareness among student association leaders on the impact of an association's activities. Environmental issues are taken into account in students' academic programs through the Institute for environmental transformations, with which the ecological transition mission works regularly.

Objective 8.1: Roll out the Climate Fresk for 100% of employees

A Climate Fresk training plan has been approved in 2022 to raise awareness on climate issues among all staff members. The first target is to reach 25% of staff trained by the end of 2023, then 25% more each year. The Climate Fresk is also a compulsory training for all new employees during their first year at Sciences Po.

Leader: DE (RSE) // Project team: DRH

Deadline: 2026

Objective 8.2: Offer all employees the opportunity to follow training modules complementary to the Climate Fresk (e.g. 2 tonnes workshop).

We want to include new training modules in the training catalogue, to give everyone the opportunity to learn about climate and environmental issues, beyond the Climate Fresk (e.g. 2 tonnes workshop or Biodiversity Fresk, based on the same model as the Climate Fresk).

Leader: DE (RSE) // Project team: DRH

Deadline: S1 2024

Objective 8.3: Launch a series of conferences on major challenges of the ecological transition

These conferences will be organised for the staff and will draw on the expertise of Sciences Po's permanent faculty.

Leader: Institute for environmental transformations (DFR/DEP) / DRIS / DE (RSE) // Project team: DRH

Deadline: 2024

Objective 8.4: Train the departments involved in implementing the action plan on new environmental issues

Leader: DE (RSE) // Project team: DRH, DSMG, DI, DAJAM, DSI

Deadline: 2027

Objective 8.5: Train all student associations to reduce their environmental footprint

A training for association managers was launched in 2023 to raise awareness on environmental issues associated with the activities of an association (organisation of events, production of goodies, etc.). Optional at this stage, the aim is to make it compulsory over time.

Leader: DE (DVE and RSE)
Deadline: 2025

AREA 9: EXEMPLARITY

Objective 9.1: Ensure the climate commitment of partner companies through the Donations Committee

The charter for accepting public and private funding was updated in autumn 2023. It states that the Donations Committee examines the following questions in particular: "has the partner adopted a model and strategy compatible with the transition to a sustainable economy to limit global warming to 1.5°C, in accordance with the Paris Agreement?" and "has the partner made explicit commitments to contribute positively to several UN Sustainable Development Goals (SDGs) and not to undermine the other SDGs?".

Leader: DSD
Deadline: 2024-2027

Objective 9.2: Draw up a SD&SR master plan in conjunction with other Sciences Po departments (discrimination, VSS, disability, etc.).

The Climate-Biodiversity and Ecological Transition Plan for Higher Education and Research published by the Ministry of Higher Education and Research in November 2022 requires all universities to draw up a "sustainable development and social responsibility" (SD&SR) master plan.

Leader: DE (RSE)
Deadline: 2025

Objective 9.3: Obtain the DD&RS label

The aim of the Ministry of Higher Education and Research's Climate-Biodiversity and Ecological Transition Plan is for 66% of establishments to obtain the DD&RS label by 2027.

Leader: DE (RSE)
Deadline: 2027
Estimated financial cost: €3.4K

Objective 9.4: Share our progress with higher education stakeholders and contribute to sectoral discussions

Sciences Po will continue and deepen its participation in national and international networks dedicated to the ecological transition in higher education (e.g. CIRSES, Labos 1point5, GAUC, CIVICA, etc.), and promote these issues within our usual partnership networks (e.g. ASPC).

Leader: DE (RSE) // Project team: Institute for environmental transformations, DEP and DAI
Deadline: 2024-2027

AREA 10: GOVERNANCE

Objective 10.1: Carry out an annual review of the implementation of the action plan in governing bodies

Leader: DE (RSE) // Project team: all concerned departments

Deadline: 2024-2027

Objective 10.2: Update our Carbon Footprint at least every 2 years and adjust our climate strategy if necessary

Regularly updating our Carbon Footprint will enable us to assess the impact of the measures we have put in place, and to identify any additional efforts we need to make. Our net-zero trajectory and the associated action plan can be adjusted if necessary.

Leader: DE (RSE) // Project team: all concerned departments

Deadline: 2025 and 2027

Estimated financial cost: ~€10k every 2 years

Objective 10.3: Inform Sciences Po communities about our progress

Regular progress reports on actions completed or on progress will be made to the network of ecological transition correspondents for employees, and to the Student Advisory Committee for Ecological Transition. The various internal communication channels will also be used (employees and teachers newsletters).

Leader: DE (RSE)

Deadline: 2024-2027

Objective 10.4: Set up an ecological transition steering committee with the most concerned departments

The departments directly involved in implementing the climate strategy will take part in a steering committee meeting to review progress in achieving the objectives. The frequency and list of participants is to be determined.

Leader: DE (RSE) // Project team: all concerned departments

Deadline: S2 2024

Objective 10.5: Evaluate the possibility of strengthening the ecological transition mission by a recruitment to replace internships

The person recruited will be especially responsible for coordinating the implementation of the ecological transition action plan in regional campuses.

Leader: DE (RSE)

Deadline: 2025

CONCLUSION

As mentioned in area 10, this 2024-2027 action plan will be **monitored regularly and transparently by Sciences Po communities**. The creation of a steering committee will make it possible to assess our progress in each area of action, and to prepare the annual review that will be presented to the governing bodies. Our trajectory and action plan may be revised and adjusted, depending on the results achieved, but also on changes in our activity and our constraints.

One of the preconditions for the success of the energy component of this plan is to obtain the financial resources needed to carry out the energy renovation work. Applications for subsidies will be made in conjunction with the General Secretariat. Apart from the energy aspect, the estimated financial cost of implementing the action plan is relatively low. In fact, **the sobriety being promoted is actually a vector for savings** (reduction in energy and water consumption, reduction in purchases - IT and audiovisual in particular, reduction in the amount of data stored, reduction in travel, vegetarian food, etc.).

The real key to success is the involvement of everyone in Sciences Po's low-carbon transition. In addition to the specific actions to be implemented by the departments directly concerned (the Real estate department or the General services and resources department, for example), all Sciences Po communities are called upon to adopt practices that will enable them to respect the trajectory of the Paris agreements. This involves, for example, applying the measures set out in the energy sobriety plan, making sensible travel and purchasing decisions, limiting waste, and so on.

Finally, a transition of this scale cannot be undertaken alone. It is essential for us to **collaborate with higher education and research players in France and abroad** to draw inspiration from best practice, share our experience and contribute to the public debate on the role of universities in the climate crisis.