

UPC
SOS
TENIBLE
CAMPUS 2030

2022–2023 REPORT

2024–2025 ACTION PLAN



CONTENTS

PRESENTACIÓ	3
RESUM EXECUTIU	4
ÀMBITS TEMÀTICS: GESTIÓ SOSTENIBLE DELS CAMPUS	6
Acció climàtica	7
Transició energètica	9
Consum responsable	12
Campus Saludable	16
ÀMBITS TRANSVERSALS: COMUNITAT SOSTENIBLE	20
Lideratge a l'entorn	21
Cultura de la sostenibilitat	23
Campus Lab: campus que eduquen	25
PLA D'ACTUACIONS 2024-2025	27
Acció climàtica	28
Transició energètica	29
Consum responsable	30
Campus saludable	31
Lideratge a l'entorn, cultura i CampusLAB	32

Document drawn up by the UPC Sostenible technical team, composed of the Innovation and Community Bureau (GIC) and the Infrastructure Service, with the collaboration of the Planning, Assessment and Quality Bureau (GPAQ), the Libraries, Publications and Archive Service, the Administrative Procurement Service, the Purchasing Service, the Sports Service and the ICT Area.

PRESENTATION

The 2030 UPC Sustainable Campus Plan was approved by the UPC Governing Council in April 2022, to contribute through university management to the Sustainable Development Goals and the UN's 2030 Agenda. It has four thematic areas and three cross-cutting areas, with a range of actions in each area. To make the Plan more operational, actions were programmed for 2022 and 2023, with an intermediate target of 2025.

This report presents the state and result of the actions planned for these two years in a summarised form and for each of the areas. Repetition of text that appeared in the [original document](#) has been avoided, to make the report easier to read. However, the original document can be consulted and followed easily using the reference code given to each action. After the assessment is the updated programme of actions for 2024–2025, as envisaged in the Plan.

Josefina Antonijuan, vice-rector for Social Responsibility and Equality
Jordi Ros, vice-rector for Architecture, Infrastructure and Territorial Outreach

EXECUTIVE SUMMARY

Climate action: over these two years, the calculation and publication of the [UPC carbon footprint](#) has been consolidated, especially regarding Scope 3 emissions sources, including the areas of mobility, waste management and ICT equipment. To achieve this, the UPC has worked with other universities and the Government of Catalonia's Office for Climate Change. The emissions reduction plan has been postponed, pending the Rehabilitation Plan for UPC Buildings, which was launched in 2023. Actions relating to adaptation (energy, drought, climate shelters) have been started reactively.

Energy transition: in October 2022, the Governing Council approved the [UPC Energy Emergency Programme](#), which has been a strong driving force in this area. This programme has facilitated the cross-cutting involvement of university areas, services and units in the organisation and implementation of measures to improve energy management, investments in efficiency and renewable energies, or energy saving with the involvement of the university community.

Responsible consumption: progress has been made in this period, particularly in [measures to reduce single-use plastics](#) and in the quantification of waste generated on the university campuses. Progress has also been made in the incorporation of environmental and socially responsible procurement criteria in some tenders that have an impact, such as the cleaning service. Electronics Watch has been joined to promote fairer electronics purchases. As a new initiative, the [Library of Things](#) has been launched in UPC libraries.

Healthy campus: the new area of the UPC Sustainability Plan to promote an improvement in the community's wellbeing and quality of life has only just started up. The results vary depending on the area. Thus, in the goals of wellbeing and health, an [offering of services and activities](#) has been consolidated that is focused particularly on students. In the challenge of improving the environmental quality of buildings, 800 sensors have been installed to measure the indoor [air quality](#) in university classrooms and spaces. In the challenge of promoting sustainable mobility, a mobility expert has been hired by the UPC. In contrast, challenges relating to healthy and sustainable food and an improvement in biodiversity are mainly still pending for the next action plan.

Cross-cutting areas: most of the objectives have been achieved. In terms of leadership in the local area, the UPC has worked with university networks (Catalan Association of Public Universities, ACUP; Interuniversity Council of Catalonia, CIC; Conference of Rectors of Spanish Universities, CRUE; and Unite!) and sector networks to explain the task of the UPC and impact the definition of policies. The culture of sustainability has been promoted through activities such as the Recircula Challenge awards, recognition of academic assignments, and a regular presence on management and governing councils, to explain the challenges, actions undertaken and their results. The third cross-cutting area, the promotion of learning based on the campuses' sustainability challenges, has been launched through the [CampusLab](#). Qualitative objectives have been reached in terms of operation, but there is still work to be done in the number of projects started. In any case, it has been a good tool to complement the resources assigned to the Plan.

List of decisions approved or reported to the Governing Council (years 2022 and 2023)

- [Approval of the UPC Energy Emergency Programme](#) (energy saving measures) [Decision CG/2022/06/22]
- [Programme of UPC measures to reduce water consumption and address the drought](#) [CG/2023/07/05]
- Information on the UPC Greenhouse Gas Emissions Inventory, [year 2021](#) [CG/2022/10/27] and [year 2022](#) [CG/2023/10/25]

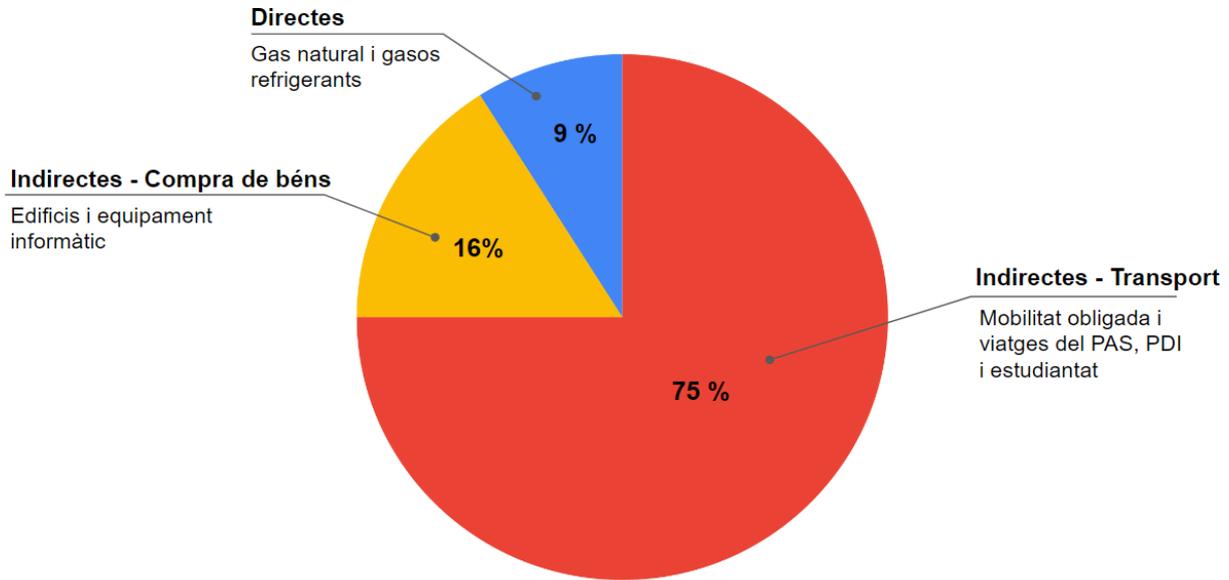
Conclusions

We can confirm that many of the actions have been completed fully or partially. When actions have been left pending, it is mainly because they became obsolete during the preparation of the Plan or due to a lack of resources.

The 2030 UPC Sustainable Campus Plan is a cross-cutting instrument of university policy in which many units and people have participated: the Innovation and Community Bureau (GIC) and the Infrastructure Service as the technical team, and others responsible for some actions such as the Libraries Service, the ICT area, the Purchasing Service and the Sports Service. The role of management and support unit staff is noteworthy. They are responsible for implementing most of the actions and have always been ready to collaborate to improve the sustainability of the UPC.

THEMATIC AREAS: SUSTAINABLE CAMPUS MANAGEMENT

Climate action



AC1. In 2030 the UPC will be carbon neutral for its direct emissions.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
AC1.1	Preparation and approval of an emissions reduction plan to attain carbon neutrality in 2030, for direct emissions.		The sources have been identified and improvements in the envelope and in heating and air conditioning are being assessed and prioritised.
AC1.2	Collaboration with Catalan universities to promote the adoption of shared metrics for the CO ₂ footprint and CO ₂ compensation.		Work has been carried out with the Government of Catalonia's Office for Climate Change, the Conference of Rectors of Spanish Universities (CRUE) and the Catalan Association of Public Universities (ACUP) to define shared indicators.

Description of actions

The design of a road map for UPC emissions reduction requires an initial task of assessment to determine costs and prioritise actions. This task was undertaken during 2022 and 2023. As a result, a first inventory of air conditioning units and refrigerant gases is available, and the first phase of the Rehabilitation Plan for UPC Buildings has been drawn up. This plan includes an exhaustive analysis of air conditioning systems and has enabled an assessment of the costs of the measures in an emissions reduction plan.

The UPC has worked with other universities at three geographic levels: Catalonia with ACUP, Spain with CRUE and Europe with Unite! A monthly meeting is held with Catalan universities to share information on various sustainability issues. A first joint inventory of emissions of all the universities has been drawn up. Joint proposals have been made to the Government of

Catalonia's Office for Climate Change on improvements that involve adapting the calculation method for large groups such as universities. The UPC participated in drawing up a self-assessment of sustainability for the Conference of Rectors of Spanish Universities (CRUE). The UPC described in detail how it calculates its carbon footprint and which indicators it considers to be the best. Occasional contact has been made with the European network of technology universities, Unite!, and explanations on footprint calculations have been provided with the University of Graz.

AC2. In 2030 everyone will be able to check the carbon footprint of their campus, unit and degree.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
AC2.1	Annual publication of the inventory with direct emissions for each campus and significant indirect emissions aggregated.		Presented as an information point to the Governing Council and published since 2019.
AC2.2	Draw up a general mobility survey and calculate transport emissions for journeys to and from the University.		Survey administered and analysed and the results published.

Description of actions

Since 2019, the UPC has presented its carbon footprint as an [information point to the Governing Council](#). The accounting of Scope 1 and 2 (direct emissions) is consolidated, and that of Scope 3 is advancing as the Office for Climate Change provides new calculation methods. Disaggregated data are available for Scope 1 and 2 at the campus scale and only in some cases for Scope 3.

Over these two years, work has been done to identify emissions associated with aspects of the UPC community's mobility: to and from the University or compulsory mobility, mobility for business trips, and student mobility programmes. The results show that 75% of UPC carbon emissions are from this source.

AC3. In 2030 the UPC will have a plan for adapting to climate change in which the cities in which it is present will participate.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
AC3.1	Study of the adaptation plans of municipalities in which UPC campuses are located, to promote potential collaborations.		Analysis of plans and joining the climate shelter networks of Terrassa and Barcelona.
AC3.2	Preparation of a study of climate risks of the UPC, with community participation.		Offered to CampusLab. Action not undertaken. Pending 2024–2025 action plan.

Description of actions

The state of preparation of climate adaptation plans has been identified in the municipalities in which UPC campuses are located, and the expected participation of the University has been assessed. It was concluded that the UPC is not present in these plans, either as a knowledge resources or as infrastructure. Contact has begun to be made with some city councils to explore collaboration through the opening of UPC libraries as *climate shelters*. In Barcelona and Terrassa,

agreements have been signed to incorporate the libraries into the respective networks. Action 3.2 has not been undertaken and is pending for 2024–2025.

Energy transition



TE1. In 2030 the UPC will have reduced its energy consumption to ensure that it is as self-sufficient as possible in energy terms and to contribute to its economic and environmental sustainability.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
TE 1.1	Reactivation of energy saving actions that involve the university community.		Approval of the Energy Emergency Programme (Governing Council, October 2022).
TE 1.2	Preparation of a guide with building management instructions and energy saving tips.		Preparation of digital contents with energy saving tips.
TE 1.3	Reinforcement of SIRENA as a tool for monitoring and communicating energy and water consumption.		Preparation of specifications for maintenance service tenders and expansion of SIRENA. Agreement with AGBAR to monitor water consumption.
TE 1.4	Implementation and integration of a building management system (BMS) in all university buildings and campuses.		Preparation of a proposal to implement a general BMS throughout the UPC.
TE 1.5	Replacement of obsolete heating and air conditioning and lighting systems with high-efficiency systems.		Tender for works to change boilers.

TE 1.6	Preparation of an audit on the use of university spaces and definition of management instructions.		Action not undertaken. Pending 2024–2025 action plan.
--------	--	--	---

Description of actions

During this period, the UPC's Energy Emergency Programme was approved (Governing Council, October 2022). The results show that in the first semester of 2023, the University's energy consumption dropped by 18.7% due to management optimisation measures, rationalisation of the uses of spaces, and the involvement of the university community through Energy Optimisation Projects (POE) in different buildings.

In terms of improving habits, various digital resources have been created with tips on the use of space, computer equipment, teleworking and periods when the University is shut (Desconnecta't [Disconnect]).

To reinforce SIRENA, the current state of the sensor network has been studied and needs for improvement and expansion assessed. The specifications for maintenance service tenders have been drawn up and the SIRENA network of analysers has been expanded. At the same time, an agreement was made with AGBAR to monitor water consumption in Barcelona and Castelldefels through the company's digital meters.

An improvement in systems for managing buildings' installations is key to ensure that building requirements are met and energy consumption is optimised. The Infrastructure Service assessed the needs of campuses and drew up a general building management service (BMS) proposal for the University.

Regarding air conditioning, executive projects have been prepared for the improvement of 21 boiler rooms on the campuses.

Currently, there is no audit of spaces. As a first step, a document has been created on the governance of spaces to establish policies on assignation and use.

TE2. In 2030 the UPC will have planned the energy-efficiency rehabilitation of its buildings.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
TE 2.1	Study of the investment priorities in university buildings and establishment of the investment mechanism.		Start of the drafting of a rehabilitation plan for buildings on UPC campuses.
TE 2.2	Identification of a building for which nZEB certification is sought and initiation of study work on the design.		Action not undertaken. Pending 2024–2025 action plan.

Description of actions

In 2023, two experts (one engineer and one architect) were hired by the Infrastructure Service to draw up a rehabilitation plan for buildings. Currently, this plan has assessed 42% of the University's buildings.

TE3. In 2030 the UPC will achieve 15% consumption of self-supplied renewable energy and take the maximum advantage of its buildings and

campuses.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
TE 3.1	Implementation of stages 3 and 4 of the Solar Campus.		Preparation of executive projects. Pending tenders for the works. Current installed power of 649 kW.
TE 3.2	Start of innovative experiences for contracting and funding (operating lease, public-private partnerships or collective funding) of renewable energy projects.		Study of contracting options for renewable energy installations.
TE 3.3	Implementation of a pilot test on biomass for heating.		Contracting of technical services and a study of the feasibility of the ETSAV project. This was not considered to be the best option, and alternatives to biomass will be sought.
TE 3.4	Participation in the creation of an energy community with entities in the surrounding environment, to share surplus renewable energy production.		Various options have been studied and the University will participate in the energy community of Terrassa.

Description of actions

In 2023, [649 kWp](#) of photovoltaic power were installed, distributed over various campuses. Executive projects were drawn up for the next phases of Campus Solar, with an expected power of 500 kWp, distributed in installations located on the North Diagonal, Baix Llobregat and Terrassa campuses.

Several options for contracting renewable energy were studied and eventually rejected. Instead, a decision was made to contract renewable energy directly using university funds. A feasibility study was carried out on a biomass boiler at ETSAV. However, it was found to be technically infeasible and a study of alternatives to the current heating system has been commissioned. Regarding *energy communities*, work has begun on the Terrassa Campus with various agents from the surrounding environment.

TE4. In 2030 the UPC will have reduced the energy and environmental impact of its data centres and servers.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
TE 4.1	Improvement in the energy and environmental efficiency of data centres and servers at the UPC.		Start of the transfer of servers to institutional equipment. Establishment of criteria and communication to data centre managers.
TE 4.2	Calculation of energy consumption and emissions of the main systems and applications in the cloud, information for users on their energy impact, and creation of a guide of actions to take to reduce consumption and emissions.		Inclusion of the carbon footprint of UPC cloud services.

Description of actions

A working group has been created with experts from UPCnet, the ICT Area and the Infrastructure Service to monitor the consumption of ICT and promote the transfer of local servers to institutional

data centres. Relevant information in this area is the environmental impact of renewing ICT equipment (monitors and computers), which adds up to almost 1000 Tm of CO_{2eq} emissions annually.

Cloud service providers have been asked to provide information on emissions. These data have been included for the first time in the emissions inventory, although the carbon footprint reported by the suppliers is small, at around 10 Tm.

Responsible consumption



CR1. In 2030 all of the UPC’s tenders will include responsible public contracting measures covering social, environmental and ethical dimensions.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
CR 1.1	Drawing up and approval of a guide to socially and environmentally responsible contracting and procurement at the UPC.		Action not undertaken. Pending 2024–2025 action plan.
CR 1.2	Promote public procurement of ICT equipment according to environmental and social justice criteria.		Join Electronics Watch and inclusion of these criteria in tenders.
CR 1.3	Promote sustainability criteria in tenders.		Criteria have been incorporated in various service tenders.

Description of actions

In the area of responsible procurement, insufficient progress has been made in action CR 1.1. Pending for the next two-year plan from 2024 to 2025 is the definition of a socially responsible procurement policy, with the aim of impacting the design of tenders that include social and sustainability dimensions in the various stages of the procurement cycle. In contrast, a significant target has been reached in the public procurement of ICT equipment. The UPC has become a member of Electronics Watch. It has incorporated criteria of fair electronic purchases in contracts since 2023, in accordance with the Catalan Government’s instruction 5/2020. Other tenders with an impact in which sustainability criteria have been included are the cleaning and selective waste collection service, the copying service, bar and restaurant licences for the Barcelona School of Informatics (FIB) and Barcelona School of Architecture (ETSAB), the vending service of the Barcelona School of Building Construction (EPSEB), and the toxic and hazardous laboratory waste collection and processing service.

CR2. In 2030 we will have reduced waste at the UPC by 20% and single-use plastics and disposable products will be a thing of the past.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
CR 2.1	Increase in the number of water fountains in buildings and monitoring of water quality.		74 new water fountains installed.
CR 2.2	Limitations in the purchase of single-use plastic containers in licensed restaurants and bars.		100% bar licences.
CR 2.3	Implementation of the second phase of the “Drink without plastics” campaign.		Preparation of the “No plastic is fantastic” campaign.
CR 2.4	Preparation of a protocol for organising more sustainable meetings, events and festivals.		Action not undertaken. Pending 2024–2025 action plan.
CR 2.5	Quantification and publication of waste generation and food waste data (baseline year 2023).		Monthly quantification of paper, containers, organic and general waste by campus.
CR 2.6	Quantification of the consumption of chemical products in laboratories and measures to reduce the quantity and toxicity.		Action not undertaken. Pending 2024–2025 action plan.

Description of actions

Various actions and measures have been promoted to reduce the consumption of single-use plastics. A total of 74 new water fountains have been installed in buildings, some with a universal design. This brings the total number of university water fountains up to 224. In addition, all water fountains have been sanitised and the water quality is monitored regularly.

In this period, measures have begun to be implemented to reduce single-use plastics in all licensed bar and restaurants. These establishments have been given a guide that highlights the restriction on selling water in plastic bottles and the launch of a service of returnable cups and a service to rent a box with a glass jug and glasses for small meetings and events.

One of the most relevant achievements has been the systematisation of data collection on the generation of waste that is equivalent to municipal waste. For the first time, a set of monthly data has been made available for all the campuses on the production of paper and cardboard waste, containers, organic and general waste. This quantification has been incorporated as a requirement in the cleaning service contract.

Finally, in 2022, a new tender was awarded for toxic and hazardous waste collection, transport and processing. The opportunity was taken to improve various aspects of the internal procedure and bring it in line with the regulations (classification, labelling, website information and information for laboratory staff).

CR3. In 2030 reuse and sharing strategies will have been fully integrated into the model for resource use at the UPC.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
CR 3.1	Establishment in all schools of a protocol to prepare for reuse any obsolete computer equipment that still has a useful life through the UPC Reutilitza programme.		Action not undertaken. Pending 2024–2025 action plan.
CR 3.2	Creation of a Library of Things service to promote the loan of objects associated with teaching activity and the University's educational project.		The service is running.
CR 3.3	Implementation of criteria for cutting down on printing and the use of paper, with a previous inventory and definition of criteria.		Action not undertaken. Pending 2024–2025 action plan.
CR 3.4	Initial development of an information system for flows of material resources (SIRENA for material flows).		Action not undertaken. Pending 2024–2025 action plan.

Description of actions

Reuse is a key waste prevention strategy, as it involves a change of functioning in the use of products and a cultural shift. Notable initiatives in this period were the launch of a returnable cups service in the bars and the new Library of Things service. This initiative was promoted by the University's Libraries Service. It includes the loan of sets of material that are not books (kits for making models, Arduino, board games and others) associated with the University's educational project, as well as activities for the university community to promote the culture of reuse of "things".

In contrast, although the Reutilitza programme to donate computer equipment to non-profit entities is working well on a small scale, the UPC is still far from correctly applying the waste management hierarchy model to the final management of obsolete computer equipment. It prioritises the recovery of waste over reuse. At the end of 2023, work began with university agents to review the current model and draw up a protocol to prepare for the reuse of obsolete UPC computer equipment that still has a useful life. This process will continue in the new action plan of 2024–2025.

CR4. In 2030 waste destined for controlled waste disposal will tend to zero and the waste hierarchy will be applied in its management.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
CR 4.1	Quantification and analysis of the quality of separation of waste by fractions and preparation of a map of waste management paths for the UPC.		Monthly quantification of waste per campus.
CR 4.2	Complete the elimination of individual bins for non-recycled waste in working spaces and the removal of COVID-19 elements (bins and paper dispensers).		Removal of all COVID-19 elements.
CR 4.3	Consolidation of protocols for waste separation, particularly for hazardous waste.		Updating of protocols for collecting chemical and sanitary waste.
CR 4.4	Launch of awareness-raising campaigns for responsible consumption and recycling, e.g. mobile phones.		Donate your mobile to science campaign: 765 mobile phones collected
CR 4.5	Introduction of a composting system on two campuses.		Action not undertaken. Pending 2024–2025 action plan.

CR 4.6	Signposting of UPC toilets that meet the requirements of Period Friendly Toilets, to promote reusable menstrual products. <i>New action.</i>		Undertaking of an inventory of toilets that meet the requirements.
--------	--	--	--

Description of actions

The year 2023 was the first in which time series data have been available on campus waste generation. In the next action plan, the various waste flows should be characterised to determine the standard waste and outline a map of final management methods. In addition, waste management procedures from before the pandemic have been recovered. The model of UPC Recircula points and the procedure for hazardous laboratory waste management have been consolidated, and elements that were introduced during COVID-19 have been removed.

In this period, two notable projects have been undertaken. First, the “Donate your mobile to science” campaign has collected 765 mobile phones, with the aim of giving them to the UPC Biometallum research project to improve recycling and the process of recovering valuable metals. Second, in 2023 an interuniversity project was launched in collaboration with the entity Rezero to identify toilets that are suitable for the use of reusable period products and to adapt new toilets for this use. This project will continue in the new action plan. Action CR 4.5 is pending implementation.

CR5. In 2030 water consumption will be significantly lower.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
CR 5.1	Preparation of a programme of UPC measures to reduce water consumption and address the drought.		Approval of a programme of measures to reduce water consumption and address the drought (Governing Council, July 2023).

Description of actions

This area has been included in the Plan through the approval of a programme of measures to reduce water consumption and address the drought (Governing Council, July 2023). It includes actions in the area of infrastructure, laboratories, toilets, gardening and cleaning. In 2022, water consumption at the University was reduced by 9.6%. A website has been set up within the sostenible.upc.edu portal and actions have been started in several fields: infrastructure, laboratories, cleaning and gardening.

Healthy campus



CS1. In 2030 all campuses will have effective and visible spaces and support mechanisms for promoting the health and wellbeing of the UPC community.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
CS 1.1	Incorporation of emotional wellbeing activities into the programme of health promotion activities.		Number of people registered for the activities: 769
CS 1.2	Identification of needs for physical activity spaces and associated services on campuses and the availability of at least one multi-purpose sports space or a signposted circuit for physical activity on some of the campuses that do not have sports facilities.		Sports spaces and necessary services have been identified on campuses.
CS 1.3	Preparation of an assessment of the community's emotional health and design of a model of health and emotional wellbeing of the community for decision making.		Undertaking of a mental health study in Catalan universities.

Description of actions

During the 2022-2023 academic year, the programme of emotional wellbeing and health promotion activities has been consolidated. In the area of emotional health, eight workshops, each on a single subject, and two emotional management courses were organised that form part of the Meetups for students. The aim is to provide tools to reduce stress and learn to live and coexist better. A total of 85 people participated in the Meetups, which were designed for bachelor's degree students and one for master's degree and doctoral students of the UPC. In addition, the [#Trio la vida](#) (Choose Life) day was held to prevent suicides at university. This is promoted by the Catalan Government for the entire university community.

In terms of healthy physical activity, proposals have continued to be offered to the community, such as healthy walks, the organisation of Healthy Week with a range of activities such as Open

Day for fitness classes in the Terrassa gym, an Anti-Stress Cooking workshop, a Nordic walking workshop and a walk on the Maternitat site of the North Campus, yoga, table tennis, talks and book presentations, human tower demonstrations, etc. on the campuses of Baix Llobregat, Vilanova i la Geltrú and Diagonal-Besòs.

Regarding sports spaces, a first document has been drawn up, “List of sports and associated facilities of the UPC and needs in the mid to long term”. At the moment, work is being done on graphic documentation to identify sports facilities, with an initial objective that all campuses have changing rooms.

The UPC has taken part in a study of mental health of Catalan Universities to assess the emotional wellbeing and quality of life of the Catalan university community. It will serve to guide strategies for intervening in this area of universities.

CS2. In 2030 UPC buildings and facilities will have incorporated environmental quality and health parameters in their management.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
CS2. 1	Dissemination of the monitoring of environmental quality parameters to the community in highly visible places, such as at entrances to buildings.		Strengthening of communication tools in spaces with screens and websites.
CS2. 2	Start of a study to incorporate the perspective of health/thermal comfort into the management of spaces and establishment of new monitoring parameters and management measures.		Automation of the system for gathering and processing data.

Description of actions

Tests have been carried out on the display of parameters, and training so that the university community can access the data through SIRENA. At the same time, a system of reports has been created to detect incidents and prioritise actions. An automation project has been started for data gathering and processing, with the aim of speeding up this process and ensuring that incidents are reported to the agents who are responsible for managing the spaces.

CS3. In 2030 the food sold at licensed caterers, vending machines and events will be healthy for the community and sustainable for the planet.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
CS 3.1	Incorporation of criteria for sustainable and healthy food in the licensed restaurants and bars, in accordance with the recommendations of the CIC and US.cat.		Preparation of criteria in the Interuniversity Council of Catalonia (CIC) committee. Application to a tender for a bar licence.
CS 3.2	Campaign to promote local, low CO ₂ emission consumption and introduction in at least one licensed bar or restaurant.		Action not undertaken. Pending 2024–2025 action plan.
CS 3.3	Incorporation of fair trade products in licensed restaurants and bars.		Action not undertaken. Pending 2024–2025 action plan.

Description of actions

During this period and just at the start of the phase of recovery of university life after the pandemic, this challenge has had a low level of implementation. This is because the actions of “Limitations

in the purchase of single-use plastic containers in licensed restaurants and bars” and “Implementation of the second phase of the ‘Drink without plastics’ campaign” were prioritised. However, during 2022, work was carried out in the Interuniversity Council of Catalonia to define healthy and sustainable food criteria. Some of these criteria were included in the last tender for a bar licence at the Barcelona School of Informatics (FIB). Progress is still pending on raising awareness to reduce CO₂ emissions associated with food and to incorporate and normalise the consumption of fair trade products.

CS4. In 2030 most of the UPC community will get to the campuses using active and sustainable mobility means.

Code	Actions planned for 2022 and 2023	Progress	Actions implemented
CS 4.1	Preparation of an investment plan for safe parking for bicycles and other personal mobility vehicles.		Information has been gathered on existing bike parking areas.
CS 4.2	Promotion of a joint action in the context of the Interuniversity Council of Catalonia (CIC) to obtain discounts for student mobility on public transport.		Action rejected.
CS 4.3	Preparation of a document with criteria for the introduction and management of infrastructure for charging of electric vehicles.		A study has been carried out on existing infrastructure and needs.
CS 4.4	Promotion of actions to pedestrianise campuses and their surrounding environment.		Projects are being promoted on the South Campus and the Vilanova Campus.
CS 4.5	Definition of a management model to integrate mobility into decision making.		Work has been done to gather data as a first step to systematise the assessment of mobility.
CS 4.6	Analysis of mobility offer and demand at the University. <i>New action.</i>		A preliminary assessment report has been drawn up on various aspects of mobility offer and demand.

Description of actions

In 2022, the publication of a survey on services provided data on the mobility habits of the university community. The information can be used to analyse the demand for mobility on UPC campuses. In this line, support has been given to the launch of the MòbilApp developed by the SISCÒM research group. This is a mobile application that predicts the transport mode that will be taken by users. Collaboration with the project will provide more consistent information on how the UPC community travels to the campuses.

The periodic gathering of quality data is the first step in assessing the state of mobility at the UPC. In autumn 2023, mobility data began to be assessed. During January 2024, a report was prepared on their preliminary analysis. As part of this assessment, work has been done to centralise information on the number of parking places (private vehicles, bicycles, etc.) and the electric vehicle charging points that exist on each campus.

Regarding actions focused on pedestrianising the area surrounding the campuses, progress has been made in the dialogue between the UPC and the corresponding government bodies, at the institutional level. Some of the proposed projects are: reurbanisation of the area surrounding the Vilanova i la Geltrú Campus, the reduction of traffic on Carrer Pau Gargallo on the South Diagonal

Campus and the involvement of Vallès School of Architecture (ETSAV) in the Campus Obert (Open Campus) project, to improve access to the campus and make it more pleasant for pedestrians.

In autumn 2023, a contract was signed for the supply of 12 pumps and 3 self-repair points for bicycles. These will be installed on almost all the campuses, to improve the experience of users who travel to the University by bike.

The inclusion of a mobility expert in the team has enabled planned actions to be initiated or resumed, to complete the actions in the area of sustainable mobility.

CS5. In 2030 the campuses’ green and biodiversity spaces will have been protected and given value and the renaturalised surface area will have been extended.

Code	Actions planned for 2022 and 2023	Progress	Action undertaken
CS 5.1	Incorporation of green elements of campuses into the inventory of spaces.		Data integrated into the inventory.
CS 5.2	Study of a facade and/or green roof design.		Action not undertaken. Pending 2024–2025 action plan.
CS 5.3	Involvement of the community in knowledge about, care for and enjoyment of biodiversity on the campuses.		Awareness-raising actions on 2 campuses. Report on the Natura Encesa Festival.
CS 5.4	Support for pilot vegetable garden initiatives on two campuses.		Action not undertaken.

Description of actions

To progress in all the action in this block, a biodiversity group has been set up comprising people from the Infrastructure Service, the Innovation and Community Bureau and the North Campus Maintenance Service.

The green inventory of all the campuses has been completed with information provided by the companies awarded the garden services contract. However, the information will not be integrated into the inventory of spaces. Regarding caring for biodiversity on campuses, a document has been drawn up entitled “Informe de sostenibilitat dels Jardins de Torre Girona. Impactes del festival *Natura Encesa* i reptes en la preservació d’aquest ecosistema” (Sustainability report on the Torre Girona Gardens. Impact of the Natura Encesa Festival on the preservation of this ecosystem). Actions have been carried out to raise the community’s awareness, with the installation of insect hotels on the North Campus and at the Vallès School of Architecture (ETSAV).

Actions 5.2 and 5.4 have not been carried out.

CROSS-CUTTING AREAS: SUSTAINABLE COMMUNITY

Leadership in the environment



LE1. In 2030 the UPC will be recognised for its commitment to sustainability by providing solutions that are open to the community and the local area.

Code	Actions planned for 2022 and 2023	Progress	Action undertaken
LE 1.1	Participation in interuniversity networks in the surrounding environment and internationally.		Number of networks that the UPC participates in: 8.
LE 1.2	External dissemination of the action undertaken by the UPC and participation in international rankings.		Participation in specific rankings on sustainability: THE IMPACT Ranking and QS Sustainability.
LE 1.3	Creation of sustainable campus routes and spaces for the exchange of transforming experiences.		Not carried out. Pending 2024–2025 action plan.

Description of actions

Regarding collaboration with other organisations and entities to contribute to advancing sustainability, the UPC has participated actively in Catalan university networks, such as the Catalan Association of Public Universities (ACUP) sustainability group, comprising staff who are sustainability experts, the energy procurement group, the network of healthy and sustainable universities and the UN’s 2030 Agenda working group of the [Interuniversity Council of Catalonia](#). At the state level, work has been done with the Conference of Rectors of Spanish Universities (CRUE) on the self-assessment of sustainability. In the international environment, the UPC’s participation is notable in the Green Standards project of Unite!, a consortium of technical universities. Beyond the university environment, at the local scale the UPC forms part of the Citizen Council for the Sustainability of Barcelona, and participates in working groups such as the Taula Plàstic Zero (Zero Plastic Round Table).

In these two years, the University continued to participate in [THE IMPACT Ranking](#), which measures the impact and contribution of universities to the Sustainable Development Goals (SDGs). In 2023, the UPC was ranked 38th in the world in SDG13 Climate action. In the QS

Sustainability ranking, the UPC was ranked fifth in the Spain and 143rd in the world. Other university rankings consider indicators associated with sustainability, such as the QS World University Rankings, the QS Europe Rankings, the Haz Foundation's transparency examination or EngiRank. In this last case, for example, the indicator that received the highest score in the list of Environmental Engineering was that which measures publications relating to SDG6 Clean water and sanitation.

The implementation of action LE 1.3 is still pending and should be included in the new action plan. Funding has been received from Barcelona Metropolitan Area through the Recircula hub to start up a sustainability route.

Culture of sustainability



CU1. In 2030 sustainability will be at the core of the UPC and the community will be proud of having contributed to the 2030 Agenda.

Code	Actions planned for 2022 and 2023	Progress	Action undertaken
CU 1.1	Reinforcement of the impact of UPC Sustainable communication in schools, taking advantage of UPCArts activities.		Not carried out.
CU 1.2	Involvement of teaching and research staff who are sustainability experts to reinforce and communicate sustainable management actions.		Approximately 50 teaching and research staff.
CU 1.3	Recovery of university life and associations linked to sustainability to promote actions in coordination with the students.		2 actions carried out.
CU 1.4	Organisation of an annual meeting of the UPC Sustainable community.		2 meetings held.

Description of actions

The launch of the UPC Sustainable Campus Plan has substantially strengthened communication action with campaigns on social networks and physical elements to promote a reduction in energy and water consumption, waste prevention and participation in the new CampusLab programme. To undertake and disseminate projects, various expert members of teaching and research staff

and grantholders have collaborated. No progress has been made on the objective of promoting associations that are explicitly focused on sustainability, in coordination with students. Annually, an in-person meeting that is open to the university community has been held, in 2022 at the Vilanova i la Geltrú School of Engineering (EPSEVG) and in 2023 at the School of Mathematics and Statistics (FME). This action is complemented by those of 2.1.

CU2. In 2030 sustainability will be a cross-cutting area that is present in all UPC areas, decisions and processes.

Code	Actions planned for 2022 and 2023	Progress	Action undertaken
CU 2.1	Programming of awareness-raising, participation and training activities in relation to sustainability for discussion and decision-making bodies.		3 SIRENA workshops. 2 emissions inventory workshops. 2 actions to promote biodiversity. Programme of emotional wellbeing and health promotion activities.
CU 2.2	Creation of an annual sustainability/monitoring plan, with open access to the main indicators and parameters of sustainability.		Inventory of CO ₂ emissions, SIRENA report. 2022–2023 Report on the Action Plan of the UPC Sustainable Campus Plan (this document).
CU 2.3	Invigoration of spaces for coordinating and monitoring the Plan with the schools, management and support units, and services.		2 meetings with heads of sustainability at the management and support unit. 2 meetings with Energy Optimisation Plan (POE) working teams. 2 meetings with school, the management and support unit and services.

Description of actions

In this period, the Governing Council has presented and approved plans and measures focused on advancing in various specific objectives of the UPC Sustainable Campus Plan: the Energy Emergency Plan (2022) and the programme of measures to reduce water consumption and address the drought (2023). Previously, in this task the various options had to be explained to the decision-making groups, to contribute to raising awareness of sustainability at management level. As another awareness-raising tool, presentations have been made to the Governing Council on several topics: the carbon footprint, the SIRENA report, campaigns. Furthermore, various workshops and activities have been carried out to raise the community’s awareness in the areas of energy consumption, CO₂ emissions inventory, the promotion of biodiversity and permanent programming on emotional wellbeing and health promotion.

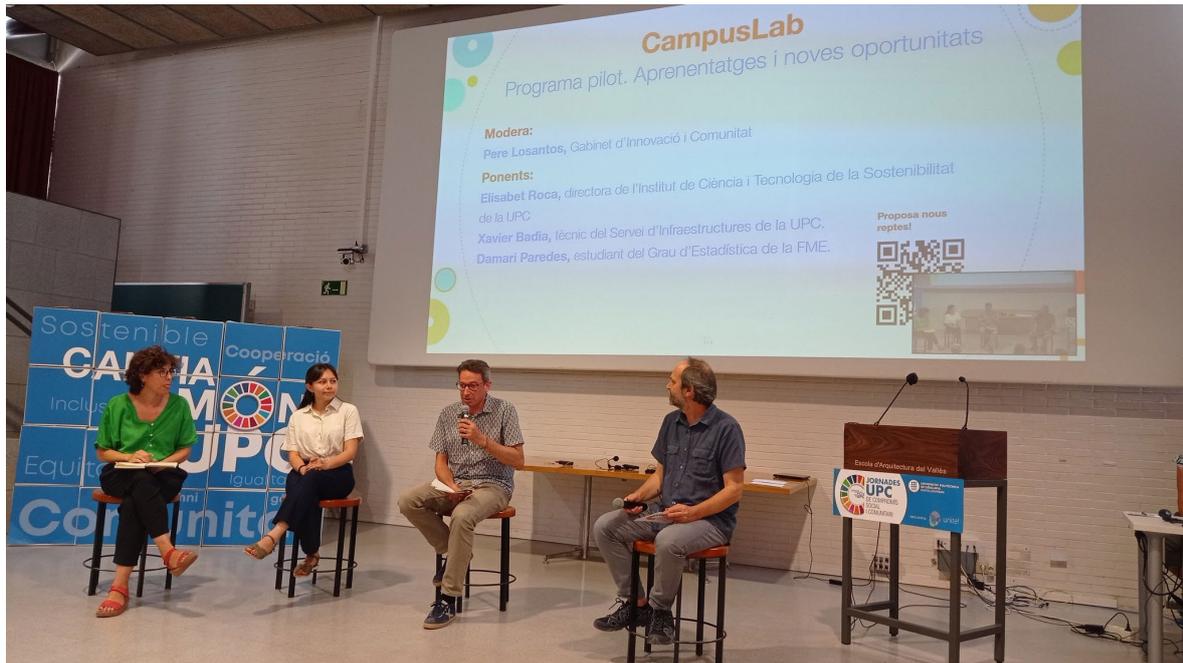
In relation to the community’s participation, the Energy Optimisation Plan (POE) communities have been reestablished to address the objectives set out in these plans, with coordination between schools and units. Various in-person meetings were held. Meetings were held with those responsible for sustainability at the management and support unit, to report on the monitoring of actions and involve schools in their implementation.

In addition, with the collaboration of student grantholders, activity on social networks and on the website has increased. The number of visits and the impact have gone up considerably, especially with the newsletter, Instagram and Twitter.

Annually, SIRENA reports continue to be published on energy and water consumption on the University’s campuses. An inventory of greenhouse gases by categories and sources of emission

is also published annually. However, progress is pending on the compilation of more data (waste, mobility) and its integration into the UPC's computer systems.

Campus Lab: campuses that educate



CL1. In 2030 UPC campuses will have become real laboratories for experimentation that use the knowledge generated in teaching, research and management.

Code	Actions planned for 2022 and 2023	Progress	Indicators of achievement
CL 1.1	Creation of a CampusLab office to support students, teaching and research staff and administrative and service staff for internal sustainability challenges in connection with the systems of offering academic projects in schools.		Announcement of the call. Involvement of the Libraries Service. Rules of the awards.
CL 1.2	Promotion of 50 CampusLab projects in different areas of the UPC Sustainability Plan, to ensure a connection between campus challenges, academic projects and implementation of the proposed solutions.		Reinforce communication of the call with the participation of students. Disseminate the projects undertaken.

Description of actions

In 2022 and 2023, the CampusLab programme was launched, drawing on the experience of the Energy Optimisation Plan (POE) and the UPC libraries since 2004. The challenge is to attract teaching staff, access the websites of schools' final theses (range of applications), and obtain the UPC's validation and support of the programme with human resources. Positive factors are the incorporation of libraries and the inclusion of CampusLab in the Galàxia Aprenentatge call for the best teacher. In the 2022-2023 academic year, 33 final theses of students have been published with the CampusLab label. Of these, 14 obtained support from UPC technical staff.

CampusLab projects for the academic year between July 2022 and October 2023

Title	Published
Photovoltaic project at the EPSEVG and proposals for improvement	30/10/2023
Study of the evolution of energy consumption at the ETSEIB	25/10/2023
Learning as a social process: the creation of social environments...	10/10/2023
Reaffirming the technique: cross-cutting workshops on the South Campus	05/10/2023
Study of the energy needs of floors 4 and 5 of the H building of the ETSEIB	17/07/2023
Study and design of a shaded area at UPC-ESEIAAT with sustainable textile structures	17/07/2023
Calculation of the carbon footprint of the structure of the ETSEIB building	03/10/2023
The link between the North Campus and the South Diagonal Campus (UPC-UB): new urban routes	18/07/2023
Energy study of the computer systems of the ETSEIB	13/07/2023
Professional profile of a graduate from the school of architectural technology...	13/07/2023
Energy audit of the EPSEVG	13/07/2023
Analysis of the accessibility of the FPCAT-UPC Sustainable Mobility Campus	12/07/2023
Comparison of the life cycle between LED and fluorescent lights at the ETSAB	11/07/2023
Use of data from the SIRENA-UPC system	10/07/2023
Study of the impact of measures taken by the UPC to reduce consumption...	10/07/2023
Feasibility study of introducing the use of solar energy at the ETSEIB	07/07/2023
Study to define an emissions reduction strategy for the buildings...	24/05/2023
Dimensioning a pilot plant for the production of hydrogen with self-consumption...	17/02/2023
Downloading, processing and analysing available environmental comfort data...	03/02/2023
Study of flooring, implementation of electric chargers and the system...	02/02/2023
Visual analysis of air quality data at the UPC	26/06/2023
Map of the presence of sustainability in the bachelor's degree in Mechanical Engineering at the UPC	26/06/2023
Strategies for reducing the emissions of buildings: renovation passport...	20/06/2023
Energy certification and technical and economic assessment of energy improvements...	25/01/2023
Wayfinding design at the EPSEVG	28/10/2022
Adaptation of the sports track at the ESEIAAT	20/10/2022
Mobility on UPC campuses. Analysis and proposals	17/10/2022
IAQ-UPC: assessment of indoor air quality in the university environment....	14/10/2022
The carbon footprint of international mobility at the UPC	20/07/2022
Design and dimensioning of a self-consumption facility at the ETSEIB	19/07/2022
Study and prediction of the autonomy of the library's photovoltaic facility	18/07/2022
Study of the evolution of energy consumption at the ETSEIB	18/07/2022

2024-2025 ACTION PLAN

Climate action

COMMITMENTS FOR 2030	2025 MILESTONE	2024–2025 PRIORITY ACTIONS	
In 2030 everyone will be able to check the carbon footprint of their campus, unit and degree.	Publish the carbon footprint associated with its campuses, units and degrees.	AC 1.1	Annual publication of the UPC inventory with direct emissions for each campus and significant indirect emissions aggregated.
		AC 1.2	Complete the carbon footprint of Scope 3 by incorporating the footprint of three large suppliers.
		AC 1.3	Pilot test of the carbon footprint calculation, using three UPC units, and preparation of the methodology.
In 2030 the UPC will be carbon neutral for its direct emissions, with carbon reduction and compensation actions.	Draw up the first UPC emissions reduction plan and study alternatives to emissions compensations initiatives.	AC 2.1	Start of the emissions reduction plan, including the building investment plan (efficiency and climate) and the travel policy.
		AC 2.2	Continue to collaborate with universities to adopt common measurements and carbon compensation.
		AC 2.3	Include the carbon vision in the UPC budgets (Organic Law for the University System, LOSU).
In 2030 the UPC will have a climate change adaptation plan, with the participation of the municipalities in which it is present.	Draw up an assessment of the risks and a climate adaptation plan for each campus.	AC 3.1	Dissemination, monitoring and extension of the libraries as climate shelters.
		AC 3.2	Preparation of studies on the assessment of campus climate risks (physical, regulatory and reputational).

Energy transition

COMMITMENTS FOR 2030	2025 MILESTONE	2024–2025 PRIORITY ACTIONS	
In 2030 the UPC will have reduced its energy consumption to ensure that it is as self-sufficient as possible in energy terms and to contribute to its economic and environmental sustainability.	Maintain the 2020 level of consumption.	TE 1.1	Energy Emergency Programme: monitoring and implementation of actions.
		TE 1.2	Preparation of a guide with building management instructions and energy saving tips.
		TE 1.3	Reinforcement of SIRENA as a tool for monitoring and communicating energy and water consumption.
		TE 1.4	Implementation and integration of a building management system (BMS) in all university buildings and campuses.
		TE 1.5	Replacement of obsolete heating and air conditioning and lighting systems with high-efficiency systems.
		TE 1.6	Preparation of an audit on the use of university spaces and definition of management instructions.
In 2030 the UPC will have planned the energy-efficiency rehabilitation of its buildings.	Prioritisation of actions, economic needs and funding proposal to reach carbon neutrality in 2030.	TE 2.1	Study of priorities and investment mechanisms in the context of the Rehabilitation Plan for UPC Buildings, in accordance with the new energy efficiency directive.
		TE 2.2	Identification of a building for which nZEB certification is sought and initiation of study work on the design.
In 2030 the UPC will reach 20% self-supply of renewable energy by making the most of the potential of its buildings and campuses.	Attain 10% of electricity self-supply with photovoltaic solar energy.	TE 3.1	Implementation of stages 3 and 4 of the Solar Campus.
		TE 3.3	Study and implementation of a pilot test of air conditioning using renewable sources.
		TE 3.4	Participation in the creation of an energy community with entities in the surrounding environment, to share surplus renewable energy production.
In 2030 the UPC will have reduced the energy and environmental impact of its data centres and servers.	Have an energy management policy for ICTs.	TE 4.1	Improvement in the energy and environmental efficiency of data centres and servers at the UPC and of ICT equipment, which contributes to the preparation of a policy.

Responsible consumption

COMMITMENTS FOR 2030	2025 MILESTONE	2024–2025 PRIORITY ACTIONS	
In 2030 all of the UPC's tenders will include responsible public contracting measures covering social, environmental and ethical dimensions.	Application in all contracts of the responsible procurement policy.	CR 1.1	Drawing up and approval of a guide to socially and environmentally responsible procurement at the UPC.
		CR 1.2	Consolidation of procurement of ICT equipment according to environmental and social justice criteria and dissemination of the results.
		CR 1.3	Inclusion of sustainability criteria in tenders.
In 2030 we will reduce waste* at the UPC by 20% and single-use plastics and disposable products will be a thing of the past. * equivalent to municipal waste	Reduce waste at the UPC by 10% and cut single-use plastics associated with food consumption.	CR 2.1	Monitor the quality of water in all fountains. Maintenance and expansion of the network of water fountains.
		CR 2.2	Monitoring of the application of measures to prevent single-use plastic containers for water in licensed restaurants and bars.
		CR 2.4	Preparation of a protocol for the organisation of more sustainable meetings, events and festivals.
		CR 2.5	Quantification and publication of waste generation data per campus.
In 2030 we will have reduced the consumption of resources through reuse and repair initiatives and sharing.	Reuse will be the priority for managing computers that have been replaced.	CR 3.1	Establishment of a protocol for the management of obsolete computer equipment that prioritises the reuse of waste from electric and electronic equipment (WEEE), whether it is in the framework of the UPC Reutilitza programme or through social economy entities.
		CR 3.3	Analysis of the evolution of consumption of perishable material in the copying service, and study of rationalisation measures.
In 2030 waste destined for controlled waste disposal will tend to zero and the waste hierarchy will be applied in its management.	About 70% of waste at UPC Recircula points will be sorted and collected separately.	CR 4.1	Characterisation and analysis of the quality of separate waste collection by fractions.
		CR 4.2	Completion of the process of eliminating general waste bins in work areas.
		CR 4.3	Review of the protocols for the management of computer waste and batteries.
		CR 4.4	Communication campaign to promote recycling.
		CR 4.5	Introduction of a composting system on one campus.
		CR 4.6	Preparation of a plan to adapt toilets to make them suitable for the use of reusable menstrual products and a pilot test in buildings.
		CR 4.7	Revision of the figure of waste manager in production centres.

<p>In 2030 the UPC will have optimised its water consumption on all campuses in general facilities and in research and teaching laboratories.</p>	<p>Attainment of a 25% reduction in annual water consumption (Special Drought Plan).</p>	<p>CR 4.8</p>	<p>Implementation and monitoring of the programme of measures to reduce water consumption and address the drought.</p>
---	--	---------------	--

Healthy campus

COMMITMENTS FOR 2030	2025 MILESTONE	2024–2025 PRIORITY ACTIONS	
In 2030 all UPC campuses will incorporate measures to improve the wellbeing and health of the UPC community and the experience of university life.	All campuses will have a programme to promote physical activity and emotional wellbeing, spaces for sports and the required support services (activity circuits, showers and silent spaces) and dissemination material.	CS 1.1	Incorporation of emotional wellbeing activities into the programme of health promotion activities.
		CS 1.2	The availability of the University's own sports space or services (changing rooms) for physical activity on some of the campuses that do not have sports facilities.
		CS 1.3	Analysis of the results of assessing the community's emotional health and the design of monitoring actions.
In 2030 UPC buildings and facilities will have incorporated environmental quality and health parameters in their management.	The environmental quality data for the main elements analysed will be open and visible to the community.	CS2. 1	Dissemination of the monitoring of environmental quality parameters to the community in highly visible places, such as at entrances to buildings.
		CS2. 2	Study to incorporate the health perspective in the management of spaces, and establishment of new monitoring parameters and management measures.
In 2030 the food sold at licensed caterers, vending machines and events will be healthy for the community and sustainable for the planet.	Menus in licensed restaurants will include vegan, vegetarian and locally sourced food.	CS 3.1	Establishment of healthy and sustainable food criteria to incorporate in tenders for licensed restaurants and bars.
		CS 3.2	Campaign to promote local, low carbon emission consumption and introduction into at least one licensed bar or restaurant.
		CS 3.3	Approval of an institutional declaration of a commitment to join the Network of Universities and Cities for Fair Trade, and promotion of access to and consumption of fair trade products on the campuses.
In 2030 most of the UPC community will get to the campuses using active and sustainable mobility means.	By then, 65% of the community will walk, cycle or take public transport to UPC campuses.	CS 4.1	Preparation of an investment plan for safe parking for bicycles and other personal mobility vehicles.
		CS 4.3	Study of expansion and standardisation of the electric vehicle charging infrastructure.
		CS 4.4	Promotion of actions to pedestrianise campuses and their surroundings through political action.
		CS 4.5	Definition of a management model to integrate mobility into decision making.
		CS 4.6	Creation of a periodical model to obtain and process quality data on mobility.
		CS 4.7	Preparation of a preliminary document for a Company Travel Plan that contains the UPC mobility strategy.
In 2030 the campuses' green and biodiversity spaces will have been protected and	Have a plan for managing green spaces and biodiversity at the	CS 5.2	Study of a green roof design.

given value and the renaturalised surface area will have been extended.	UPC.	CS 5.3	Boosting of the conservation of natural spaces on the campus and involvement of the community in knowledge about, care for and enjoyment of biodiversity on the campuses.
		CS 5.5	Preparation of a guide for the management of green areas and biodiversity on the UPC campuses and implementation of criteria for tenders and garden services.

Leadership in the environment, culture and the CampusLab

COMMITMENTS FOR 2030	2025 MILESTONE	2024–2025 PRIORITY ACTIONS	
The UPC will transfer good practices in sustainability management to the campuses and will be recognised for its commitment to sustainability.	The UPC will have a list of points of interest in sustainability management that can be visited.	LE 1.1	Participation in interuniversity networks, in the surrounding environment and internationally, such as the sustainability working group of the Catalan Association of Public Universities (ACUP), the group of socially responsible procurement between administrations and entities, and the Unite! university network.
		LE 1.2	External dissemination of the action undertaken by the UPC and participation in international rankings.
		LE 1.3	Creation of sustainable campus routes.
In 2030 sustainability will be at the core of the UPC and the community will be proud of having contributed to the UN's 2030 Agenda.	The 2024 Social Engagement Survey reflects the progress since 2021.	CU 1.1	Consolidation of a monthly calendar of communication actions with new formats and channels.
		CU 1.2	Proposal to the teaching and research staff involved in the CampusLab programme of articles to disseminate and communicate sustainable management options.
		CU 1.3	Preparation of informative material aimed at students on sustainability services and initiatives on campuses.
		CU 1.4	Programming of awareness-raising, participation and training activities in relation to sustainability.
In 2030 sustainability will be present in all UPC areas, decisions and processes. There will be regular spaces for learning about and evaluating the progress that has been made and for reflecting on the emerging challenges together.	Availability of a dynamic, public set of sustainability indicators at the UPC.	CU 2.2	Creation of an annual sustainability plan and management of the plan, with open access to the main indicators and parameters of sustainability.
		CU 2.3	Establishment of a regular schedule of meetings to coordinate and monitor the Plan with the schools, management and support units, and services.
In 2030 the UPC campuses will have become real laboratories for	All the schools offer CampusLab experiences to their	CL 1.1	Consolidation of an annual call for sustainability challenges on the campuses, in connection with the systems for offering academic projects at the schools.

experimentation for sustainable communities, which use the knowledge generated in teaching, research and management.	students.	CL 1.2	Programme of support for CampusLab projects.
--	-----------	--------	--