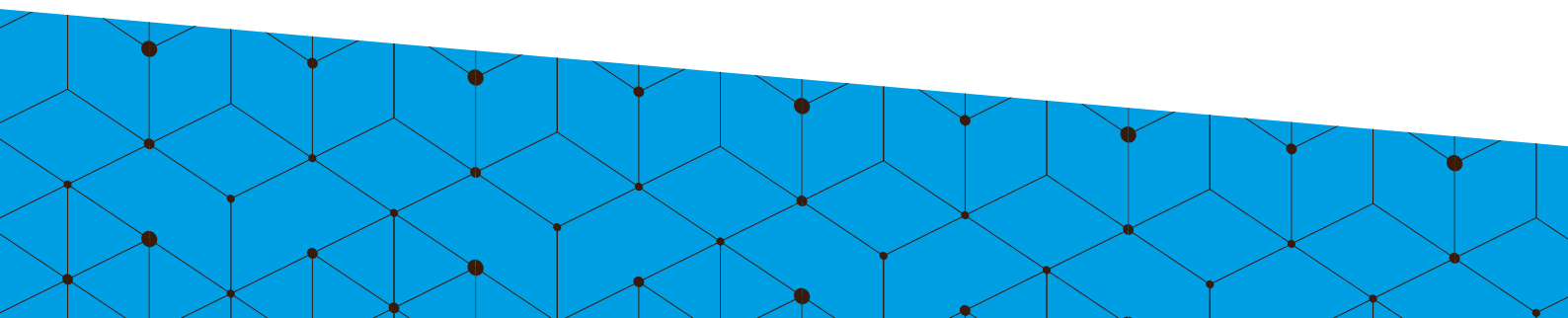


Sustainable Development Goals at the University of Bordeaux

Report 2023-2024

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Editorial

The University of Bordeaux is a multidisciplinary, international university, firmly rooted in its local area and recognised for the excellence of its research, the quality of its degrees and its capacity for innovation.

Since 2019, the University of Bordeaux has been committed to a proactive policy to help meet the major environmental and societal challenges of the century. In 2020, this strategic direction was given concrete form in the Strategic Horizon 2030 plan, a framework document, which gives these issues central importance. This was followed in 2021 by a "roadmap for environmental and societal transitions" setting out 24 commitments which span the full spectrum of the University's activities: from research and training to innovation and campus life. These commitments are reinforced and detailed for the 2024-2027 period by the publication of the Master Plan for Transitions.


The achievements we have made in this field have earned recognition at national level, with the award of the "Sustainable Development and Social Responsibility" label, specific to French universities, since 2021. From a more international perspective, this report compares our policies with the UN's 17 Sustainable Development Goals.

Our aim is for the University of Bordeaux to be recognised as one of the world's leading universities in terms of sustainability and responsibility, attracting the ambition and talent that will enable us to push even further in our quest to accelerate transformation in the service of transition.


Dean Lewis,
Chairman of the university

University profile

The Institution

 **6,100** members of staff, including **3,260** research professors and researchers


50 academic disciplines of research and teaching


 **€575 M** capital budget in 2023


 **18** campuses and sites across Nouvelle-Aquitaine

 **187** hectares of campus, including **140** of green spaces

Research


 **81** research structures of which **61** in collaboration with research bodies


 **5,368** scientific publications in 2022 **14 %** in the top **10 %** of the world's most cited publications


 **130** collaborative research projects under the aegis of Horizon Europe and other programmes


Student body

 **52,000** students

 **60 %** female students

 **13.5 %** international students

 **1,237** students with special needs supported by the PHASE service in 2022-2023

 **550** elite and high-level athletes

Innovation and value creation

2nd most prolific university in France in terms of number of patents registered (INPI ranking)

 **431** patents and **144** software programmes in the university's portfolio

 **50** start-ups founded since 2014

4 training colleges

- › Law, Political Science, Economics and Management
- › Health Sciences
- › Human Sciences
- › Science and Technology
- › University's Institute of Technology (IUT),
- › Institute of Vine and Wine Science (ISVV)
- › National Institute of Teaching and Education (INSPE)
- › CFA

2023 figures

A policy for accelerating transitions

The University of Bordeaux, committed since 2020 to the collective drafting of a "Strategic Horizon 2030" framework document, adopted in 2021 a "roadmap for environmental and societal transitions", backed by 24 commitments, broken down into transition objectives and trajectories which span the full spectrum of the university's activities: the contribution made by research, training of its staff and students in the necessary expertise and skills, diversity and inclusiveness on campus, reducing the environmental footprint of our institution.

In line with the first actions undertaken as part of the transitions roadmap, such as the establishment of the Environmental and Societal Transitions Council, or the creation of networks of staff referents and student ambassadors for transitions, the establishment has continued its transformation with the appointment of a Vice-Chairman dedicated to these issues (2022), and with the creation of a Transitions Institute (2023) whose mission is to drive and coordinate actions and projects in favour of transitions within the university, and with its partners.

Outlook

In 2024, the publication of a master plan for environmental and societal transitions will reinforce this approach. The purpose of this regulatory document is to centralise and formalise the institution's ambitions in terms of transitions across all its activities, and to translate them into concrete actions for the period 2024-2027. This cross-functional strategic document is based directly on the ambitions and objectives set out in the various strategic documents covering

the transitions perimeter: disability master plan, gender equality plan, student and campus life master plan, sports master plan, multi-year real estate strategy plan, austerity plan, open science roadmap, science with and for society programme, framework for the continuous improvement of the training offer, etc.

Because of its cross-functional nature, the Transitions Master Plan was drawn up in consultation with all the departments concerned, as well as stakeholders in the various areas. Some of the objectives and actions formalised in this document are the result of initiatives already planned or undertaken by the institution, based on a specific organisation and methods of consultation and appropriation by the stakeholders involved in each project: this is the case, for example, for the initiative to integrate the challenges of transitions into the training offer, developed in consultation with the colleges and training institutes. Similarly, the deployment of planned actions is intended to be carried out in a concerted manner, so that each one of us feels part of the transformations being undertaken.

Methodology

In this report, you will find actions and projects carried out by all the stakeholders at the University of Bordeaux, who contribute to the 17 SDGs: colleges and institutes, departments and research structures, administrative functions as well as communities (students, staff, associations, partners...).¹ For each SDG, structural elements representative of the organisation the university has put in place over the last few years to meet these challenges (research structure, services, support for student associations, institutional programmes, etc.) are listed, along with news for 2023-2024 (new research projects or specific news, events, etc.). However, as with the first edition, it is important to remember that the projects highlighted are necessarily limited in number: the SDG report cannot claim to be exhaustive of the university's actions. This document is intended to be updated: teaching and research teams, students and administrative departments are invited to suggest new projects for the next edition. Finally, unless otherwise stated, the key figures presented in the document

are for the 2023-2024 academic year, or the 2023 calendar year. As in the previous edition, the number of publications indicated for each SDG and covering the period 2019-2023 is based on the Scopus database.

Contact

If you have any questions about this report or suggestions for contributions to the next edition: transitions@u-bordeaux.fr

¹ For most of the titles in this report, a hypertext link leads to the dedicated page



No poverty

Eradicate poverty in all its forms worldwide

Structural elements

Health deprivation University Degree

This training course, offered by the Institute of Public Health, Epidemiology and Development (ISPED), is aimed at a wide range of healthcare and social workers, highlighting the links between the various forms of deprivation and health. It also presents the various existing aid schemes for the target populations, and develops the skills needed to help care for these vulnerable groups.

The Karavan association

This inter-faculty student association fights against deprivation on several levels: locally, by organising walkabouts to help the most underprivileged, while at the same time creating social links. Internationally, the association supports students in the creation of international solidarity projects, through training or assistance in finding grants.

Le Comptoir Aliénor

Located on the Talence campus, this social, cultural and solidarity-oriented grocery store, supported by the ATENA2 federation^{and} its network, gives students access to food and sanitary products at reduced prices.

Campus hampers

Supported by the Student Health Space and student associations in Bordeaux, the distribution of fruit and vegetable hampers on campus is adapted to students' purchasing power, with hampers offering seasonal and local produce priced at 5 Euros.

KEY FIGURES

- › **78 publications**
- › **€124,452 in social grants for students in 2023** via the Solidarity and Student Initiative Development Fund
- › **€413,000** allocated to **social support** for employees

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News 2023-2024

Childhood and Deprivation Symposium

Organised in June 2023 as part of the Health deprivation university degree explained above, this symposium addressed issues relating to childhood deprivation: social inequalities in health, exposure to environmental pollution, housing exclusion, and deterioration in children's mental health.

"Single parents, daily life and money"

This parenting webinar, open to university staff, provides answers to some of the problems faced by single parents, such as questions of parental authority and co-parenting, or budget management and the tax implications of the financial and legal aspects of single parenthood.

² Territorial Association of Aquitaine Students



"Zero" hunger

Eliminate hunger, ensure food security, improve nutrition and promote sustainable agriculture

KEY FIGURES

- › **328 publications**
- › **50 %**: share of 1 Euro meals as a percentage of all meals served by CROUS Bordeaux-Aquitaine to students on grants or in social difficulty
- › **€103,000**: amount of the university's contribution towards staff meals in 2023
- › **6.8/10**: average score given by students on their lunch break conditions. Criteria taken into account: price, time available, locations, quality of food, importance given to vegetarian meals
(2023-2024 survey by the Observatoire de la Formation et de la Vie Universitaire).

Structural elements

The Organic Agriculture Chair

This chair, created in 2022, will be run by Bordeaux Sciences Agro, in partnership with the University of Bordeaux Foundation, the University of Bordeaux and INRAE, and will bring together business, research and training to support the development of organic farming. In particular, it helps to build bridges between the scientific world and industry players, co-construct initial and professional training courses and set up professional student projects. It also aims to popularise health and environmental issues through scientific seminars and various workshops.

Professional degree in Health Professions: nutrition and food

This course, offered by the Institut du Thermalisme in Dax, is structured around two axes: a health-prevention axis, focused on the patient with a systemic approach to bio-psycho-social health education, and a health project management axis, more focused on the needs of companies, which provides a methodological approach and practical experience to acquire the cross-disciplinary skills demanded by professionals.

Professional Bachelor's Degree in Biotechnological and Agro-ecological Tools for Agricultural Production

This course provides skills in the application of biotechnologies to animal and plant production. It provides expertise in environmental management tools and the application of regulatory and voluntary standards in the agricultural sector. This training programme is part of the broader context of the development of agroecology.

Master's degree in Biology and Agrosociences

This Master's degree, co-accredited with Bordeaux Sciences Agro, is based on a multi-disciplinary approach designed to meet contemporary agricultural and agronomic challenges: for example, plant improvement and selection, plant health and interaction with the environment, characterisation and use of biomolecules extracted from plants for human, animal and environmental health (phytochemistry), and sustainable processing of agri-food products.



News 2023-2024

Social Security for the Food Industry

In March 2024, the Acclimat'Action collective launched an experimental phase of its Social Food Security project in the rural and urban areas of Gironde. The aim is to establish a new form of social protection to ensure that everyone has the right to sustainable food. Over the course of a year, 400 beneficiaries were allocated food currencies that could be used in sales outlets defined according to environmental, ethical and social criteria. The Culture et Diffusion des Savoirs laboratory took part in the creation of the collective and organised a morning of studies on the question of deliberative and participative democracy in food.

Student Food and Social Security

Carried out by the CREPAQ and GEMME associations, this experiment will target 150 students on Bordeaux campuses over the 2023-2024 year, including 78 students from the University of Bordeaux. The students received 100 gems/month for 9 months (local currency in Gironde, 1 gem = €1) to spend in approved stores. This experiment was co-constructed with students and local players, including the University of Bordeaux, at the time of the "local food banks". It received financial support from the ACT program. A scientific evaluation of the project's impact on sustainable eating habits among students and the reduction of food insecurity is being carried out by the Institute for Organisational Management Research (University of Bordeaux and Bordeaux Sciences Agro).

The SPRINT research project

This European project, in which Bordeaux Population Health is participating, published an article in 2023 on the role of public consultation in decision-making on the use of pesticides in agriculture. The aim of the project is to gather data on pesticide use, assessing

their impact on ecosystem health and the costs and benefits of pesticide use in agricultural systems, in order to propose alternative solutions.

Food, an issue of social justice: food movements, public policies and inequalities

This dossier, published in 2023 under the direction of Renaud Hourcade and Nathan Mac Clintock, aims to examine contemporary public policies and social movements in the field of food from the angle of social inequalities and justice issues. It deals, for example, with the risks of population exclusion that could result from social policies in support of more environmentally friendly food.

The Disrupt Campus Bordeaux programme "Invention of an alternative catering model on the Montesquieu campus"

Disrupt Campus puts Master 1 students to work on issues raised by players in the socio-economic world. Within this framework, 3 students worked on the theme of food around the case "Invention of an alternative catering model on the Montesquieu campus".

Festival des engagés

The festival is an opportunity for students to find out more about what the university's associations and services have to offer. For the 2023 edition, a student parliament on the theme of food was proposed to students, who were able to discuss the themes of "Eating Enough" and "Eating Well".



Good health and well-being

Enabling everyone to live in good health and promote well-being at every age

KEY FIGURES

- › **6,191 publications**
- › **More than 17,000 students** in the health field **30 %** of the institution's total student body

Structural elements

The University of Bordeaux has 4 research departments dedicated to health:

- › **The Public Health Department**, which covers epidemiology, biostatistics, medical IT, disabilities and health economics. Its work covers a wide range of pathologies, including infectious diseases such as HIV, neurology, oncology, traumatology and mental health.
- › **The Biological and Medical Sciences research department** focuses on cancer, the immune and vascular systems, and rare and inflammatory diseases.
- › **The Health Sciences and Technological Department for Health and Bordeaux Neurocampus cover the cellular and molecular aspects in living beings and neuroscience, respectively.**

Health Sciences College

Courses are organised around the following disciplines: basic sciences, applied sciences for drugs and health products, medical biology, life sciences and public health, environmental sciences, medical sciences and dental sciences.

STAPS Master's degree in Adapted Physical Activity - Health, "Rehabilitation and health promotion through adapted physical activity" course

This master's degree trains students to provide scientific, technical and organisational expertise in the field of physical activity for people who cannot practise under ordinary conditions and who have specific health, social participation or inclusion needs.



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↘ News 2023-2024

The European PsyCoMed project

Over the period 2023-2026, this project will study the role of anthropogenic pollutants as risk factors for neuropsychiatric disorders and associated pathologies in the Mediterranean region.

Covid-19: study of the effectiveness of measures taken to combat the virus in France

Researchers from the University and University Hospital of Bordeaux, Inserm and Inria have published estimates of the effectiveness of restrictive measures (confinement, curfews, etc.) and vaccination policies in the *Epidemics* journal, based on mathematical modelling of French data. It appears that the most restrictive measures, such as confinement and curfews, have had a significant effect on reducing virus transmission. The first lockdown was the most effective, reducing transmission by 84%. A 6 p.m. curfew was more effective than an 8 p.m. curfew (68% reduction versus 48%). Although school closures had a more limited effect, they still reduced transmission by 15%. Using mathematical models, it was also estimated that vaccination would have prevented 149,000 deaths in France between the start of the epidemic and October 2021.

APHEA accreditation

The Institute of Public Health, Epidemiology and Development (ISPED) was accredited in December 2023 by APHEA (Agency For Public Health Education Accreditation) for a maximum of 6 years. This accreditation rewards the quality of the training courses (initial and continuing) offered by the institute.

Cooking workshops

These free workshops are aimed at students. Supervised by a dietitian from the Student Health Space, they are designed to teach culinary skills while creating social links. The workshops, held twice a month, focus on different themes: Seasonal, vegetarian, poké, brunch, aperitif..

Stress management workshops

These workshops offered by the Student Health Space are supervised by healthcare staff. Free of charge, they are designed to teach students how to regulate their emotions and manage stress.

FOCUS

Student mental health

General context

The mental health vulnerability of students, exacerbated by the health crisis linked to the COVID-19 epidemic, is now widely recognised. A number of initiatives and projects have been set up within the university to address this issue. Some projects provide a more detailed analysis of the mental health situation experienced by students, while others aim to provide solutions to the problem.

Ensuring better analysis of student mental health issues

The Prisme project: Between 2022 and 2023, almost 2,000 students in Bordeaux will complete online questionnaires about their mental health as part of this project run by the HEALTHY team at Bordeaux Population Health. This survey, post COVID-19, made it possible to compare the data collected with that gathered prior to the crisis as part of the I-Share study for the period 2013-2020. As a result, 41% of student respondents said they had experienced depressive symptoms, compared with 26% before the crisis began. Even more worryingly, 29% of 18-24 year olds who responded said they had had suicidal thoughts, compared with 21% before the lockdown. This analysis shows that it is crucial to continue monitoring student mental health, consolidate communication on the subject, and strengthen university mental health care systems. The results of this research are intended to have an impact on university health policies, and to be echoed by the Ministry of Health.

The thesis on suicidal behaviour in students: risk analysis and modelling in the I-Share cohort : This thesis by Mélissa Macalli (Bordeaux Population Health Healthy team) investigates the association between suicidal behaviour in students and self-reported factors during childhood and adolescence such as perceived parental support, peer victimisation and/or parental maltreatment. In 2023, this thesis also won the second "Public health policies and interventions" thesis prize awarded by the Direction Générale de la Santé.

Solutions to this problem

Mass roll-out of the Mental Health First Aid (MHFA) program: This two-day training course, offered to the university's student and staff communities, is designed to train first aiders to better spot mental health disorders. First aiders are responsible for informing people with mental health problems about the resources available, and to encourage them to seek help from trained staff in the relevant services.

Association of Student Psychologists : This association, based on the Victoire campus, organises various events focusing on student mental health issues. This includes OSMOSE, a one-day event held in March that addresses career guidance and integration, mental health and school dropout among students. Various players will be setting up stands on the subject of mental health in higher education from various perspectives such as alcohol consumption and sleep. Ahead of the master's degree application period, this event gives students the opportunity to exchange ideas with professionals.

KEY FIGURES

- › **2,000** students responded to the Prisme project questionnaire
- › Nearly **2,000** students trained in Mental Health First Aid and **200** staff at the University of Bordeaux



Quality education

Ensuring equal access to quality education for all, and promoting lifelong learning opportunities

KEY FIGURES

- › **170 publications**
- › **+ more than 52,000 students** in 2023-2024
- › **Annual tuition fees €170 for bachelor's degree and €243 for the master's degree**
- › **31 university libraries** open to the public

Structural elements

ACCESProgramme

This project, which brings together the New Aquitaine region, the universities in the Aquitaine region and the Chamber of Commerce and Industry, aims to promote equal opportunities in the region. Deployed in 46 institutions across the region, it is designed to encourage and support the ambitions of secondary school students who are geographically remote from higher education establishments and/or have little support in pursuing higher education.

New Deal Programme

Deployed in 2018 for a period of 10 years, this programme is a lever for the transformation of the University of Bordeaux's training offer. It aims to establish new learning models, better adapted to students' needs. To this end, NewDEAL is working, for example, to create open, flexible curricula that are diversified in terms of content, format and pace. The programme is also designed to create links between teaching and players in research, the socio-economic world, industry and associations.

Masters in Education, to train for the ecological transition and Sustainable Development Goals

This master's degree, offered by the National Higher Institute for Teaching and Education, aims to train staff capable of helping

organisations build their sustainable strategy. It also provides skills in change management support for organisations (companies, local authorities, associations, consultancies, etc.).

The house for science

Located in the heart of the University of Bordeaux, the Maison pour la Science in Aquitaine has been offering free training courses to primary and secondary school teachers since 2014. The aim is to provide them with the means to ensure better transmission of scientific knowledge to their students. On average, 1,000 teachers take part in our training courses every year.

University before the bac

Since 2018, this scheme has invited high school students to attend courses offered by the university. The scheme enables secondary school students to discover university life, and to confirm or refute their choice of career paths. From 5 to 23 February 2024, over 950 secondary school students came to try out the various training courses, which is 300 more than last year.

4 QUALITY EDUCATION



News 2023-2024

Thesis Inclusive education and the dignity of children with disabilities - ethnographic study among the Ewe of Togo

This thesis by the Laboratoire Culture Educations et Sociétés at the University of Bordeaux to be defended in 2023, in collaboration with the University of Lomé in Togo, studies the contribution of inclusive education to the social inclusion of children with disabilities. Using the Ewe community as a field of study, this thesis aims to identify the stigmatisation of people with disabilities in this specific context, to redefine the concept of dignity and to shed light on the processes of inclusive education.

School Climate research programme in Bordeaux public primary schools and its operationality during the lunch break

This research programme, carried out within the Sciences, Politics and Public Health doctoral school, addresses the issue of school violence during the lunch break, with the aim of developing an operational policy to foster the development of a good school climate.

Launch of Études et Psychologie magazine

The aim of this magazine, entirely dedicated to higher education pedagogy, is to publicise and share pedagogical practices, disseminate and synergise the results of surveys and experiments, and debate and discuss pedagogical issues specific to higher education. This journal, available online on the Open U Journals platform, is open to all teachers in different disciplines.



Gender equality

Achieving gender equality and empowering all women and girls

KEY FIGURES

- › **189 publications**
- › approximately **60 %** female students
- › **55 %** women among university staff

Structural elements

I'm a computer scientist, I'm a mathematician

Launched in 2019, this annual week-long programme introduces secondary school female students to careers in computing and mathematics. In 2024, 70 secondary school female students from 38 schools took part in the programme.

Sexism fresco

This 3-hour workshop, offered as part of the Staff Training Plan, is designed to give participants the tools to analyse some of the structures of today's society and build a more egalitarian society.

Alertometer

This tool, available to members of the university community, helps to separate healthy behaviour from violent behaviour (harassment, sexual and gender-based violence). The aim is to guide victims of such behaviour towards the university's Monitoring Unit who can offer assistance.

News 2023-2024



The GENVIPART project on the gendered dimensions of intimate partner violence: Understand the meaning of acts and the meaning of punishment for perpetrators in order to better prevent and reduce such violence

This interdisciplinary research is based on the observation that the gender dimension of intimate partner violence and the question of masculinities constitute a blind spot in research and in the measures for dealing with perpetrators in France. Its aim is to describe these gender dimensions and to show that they can serve as a basis for judicial and socio-judicial policies for the institutional treatment of perpetrators of such violence, particularly with a view to reducing recidivism and early prevention of such behaviour.

Coordinated within the Centre Émile Durkheim, this project brings together legal, sociological and demographic expertise, and involves various organisations at the university: Comptrasec on the demographic side; the European Research Centre for Family, Insurance, Personal and Health Law (CERFAPS); the Institute of Criminal Sciences and Justice (ISCJ), and the Bordeaux University Data Platform (MSHA Bordeaux).

End of the Redesigning Equality and Scientific Excellence Together (RESET) project in December 2024

This European project, led by a consortium of universities between 2021 and 2024, aims to place gender equality and diversity at the heart of scientific and university policy-making. The project's ambition is to remove the barriers to women's careers in research and academia.

Gender and Justice Study Days: cross-perspectives

Organised by the Department of Law and Social Transformations, these days provided an opportunity to reflect on the links between feminist theories of justice and research, the contributions of critical legal studies, and the implications of the use of justice by feminist movements.

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5 GENDER EQUALITY



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Marian Diamond Award 2024

Enrica Montalban, postdoctoral fellow at NutriNeuro, is the winner of the Marian Diamond Award 2024, in recognition of her work in the field of neurology. Initiated by the Bordeaux Neurocampus Gender Committee, the Marian Diamond Award aims to highlight women neuroscientists at a crucial stage in their careers, the postdoctoral period, when they face many obstacles in gaining access to academic positions.

The Catch me if you can game

This game, created as part of the European RESET project, is designed to raise awareness of career inequalities at university (among both lecturers and administrative support staff). These inequalities include not only pay inequalities, but also inequalities in career advancement, recognition and discrimination.

The Têtes chercheuses project

Organised by the University of Bordeaux in partnership with Cap Sciences, as part of the Science with and for Society label, this event aims to raise the profile of scientific careers among teenage girls. During the day, 23 doctoral students, researchers, teachers, engineers and technicians came to discuss and present their work to 4th form girls. The day was also punctuated by the production of podcasts and reports, and by the presentation of the "Women in the digital age" exhibition at the institution.

Creation of a position to coordinate the listening, monitoring and reporting unit

Aimed at students and staff alike, this unit provides guidance and support for victims or witnesses of sexist and sexual violence, and discrimination in the broadest sense. It enables victims to be looked after by external psychologists and/or mediators, as well as legal aid if the victim so wishes. One position has been created since the start of the 2023 academic year for the student section.

FOCUS

Inclusivity month

The Inclusivity Month, organised for the first time in March 2024 within the university, is designed to open up dialogue on various themes and is aimed at both the student community and staff. The programme opens up debate on a variety of subjects in a range of formats.

The first round-table discussion addressed the issue of integrating international students into the student community. This is a particularly important issue for the university, which will have around 7,600 international students in 2022-2023, i.e. 14% of its total enrolment.

Other round-table discussions shed light on a variety of themes: visible and invisible disabilities, for example, integrating the deaf and hard-of-hearing into schools; recourse in the face of domestic violence; the fight against racism and anti-Semitism; and sexual and gender identity in the workplace. For the latter, Olivia Ségar's documentary *Safeplace* was screened on the Carreire campus.

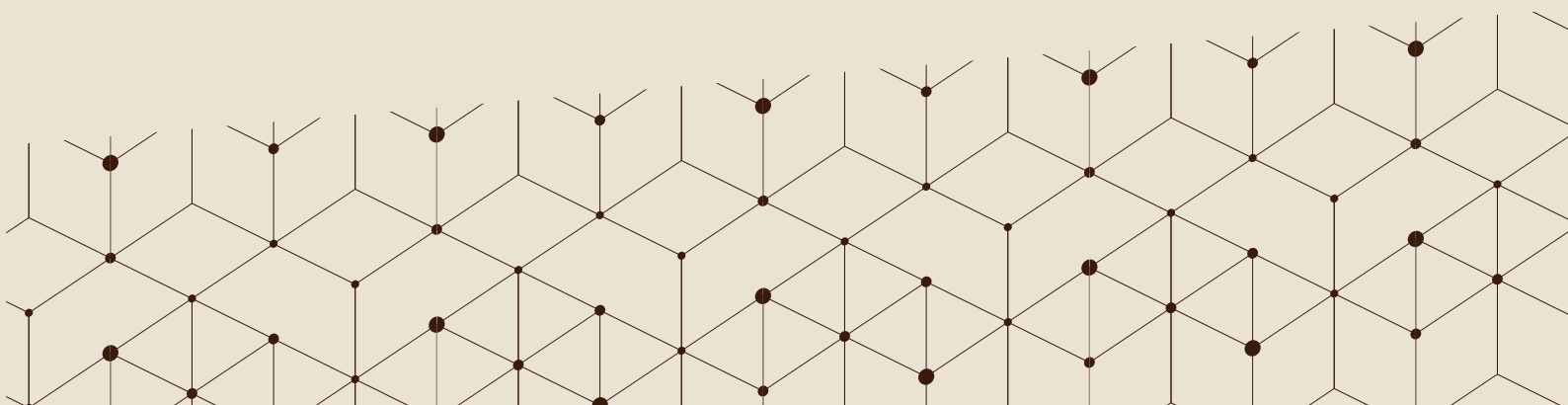
Among the other formats on offer, a number of exhibitions raised awareness among university communities during the month of March: on the Montesquieu campus, the *Femmes et Sport* exhibition highlighted the different profiles of sportswomen at the university, while on the Victoire campus, the *Parole d'hommes* exhibition dealt with

challenging the bodies of women and men who have experienced migration.

This month of inclusivity also provided an opportunity to highlight the listening, monitoring and reporting unit, aimed at both staff and the student community. Anyone who has suffered discrimination can fill in an online questionnaire to contact the unit.

KEY FIGURES 2023

4 Theme days in March 2024
Actions carried out on 12 campus
120 people present at the opening evening on 8 March
More than 500 people took part in the artistic happenings





Clean water and sanitation

Guarantee access for all to sustainably managed water supply and sanitation

KEY FIGURES

- › **183 publications**
- › **164,829 m³** water consumption for all buildings

Structural elements

Environnements et Paléoenvironnements Océaniques et Continentaux [Oceanic and Continental Environments and Palaeoenvironments] (EPOC) joint research unit

Under the auspices of the University of Bordeaux, CNRS, Bordeaux INP and the Ecole Pratique des Hautes Études, this joint research unit works in various fields relating to water, such as aquatic ecotoxicology, and the ecology and biogeochemistry of coastal systems.

↳ **News 2023-2024**

Comparative views on the issue of water, from prehistory to the Anthropocene

This interdisciplinary symposium brought together archaeologists, hydrologists, ecologists, sociologists, biologists and anthropologists to discuss their research topics.

Awareness-raising tools created by transition ambassadors (see SDG 11)

An escape game in which teams of students answer conundrums on the theme of water.

A frieze showing daily water consumption, giving participants orders of magnitude for water uses and suggesting solutions for each use.

GRUTTEE International Congress

Organised by the Groupement de Recherche Universitaire sur les Techniques de Traitement et d'Épuration des Eaux [University Research Group on Water Treatment and Purification Techniques], this congress was held in Bordeaux in May 2024 on the theme: "Water, a resource and ecosystem to be considered in an integrated

Toxicology and Ecotoxicology Master's Degree

This master's degree covers the impact of human activities on the functioning of natural systems, understanding living organisms in relation to environmental constraints, natural resource management, and environmental risk prevention (air and ecosystem pollution, management of polluted sites and soils, etc.). It trains specialists in ecotoxicology, environmental chemistry and risk assessment, both in fundamental research and in more applied fields.

way to guarantee quantity and quality".

Disrupt Campus - The project on the monetary value of water in France and abroad

3 students worked on this project proposed by Suez's LyRe research and innovation centre, on the question of the monetary value of domestic water in France and abroad. After showing that changes in water consumption are only slightly affected by price variations, the students were able to study the pricing systems proposed by different countries and cities, and their effects on water consumption. It thus appeared that block pricing could guarantee an essential volume of water at an affordable price, while penalising high water consumption.

In Aquitaine, will water soon be blue gold?

This "rencard du Savoir", which brought together players from the Régie de l'eau, Inrae and Bordeaux Montaigne University, examined the adaptation strategies to be deployed in response to the increasing scarcity of this resource in New Aquitaine.



Clean, affordable energy

Ensuring access for all to reliable, sustainable, modern and affordable energy services

KEY FIGURES

- › **769** publications
- › **7%**: Share of renewable energies in the university's energy consumption
- › **23%**: Percentage of buildings equipped with LEDs by the end of 2023
- › **18%**: Reducing energy-related greenhouse gas emissions over the period 2019-2022

Structural element

The Master's in Development Economics, Energy and Environment Engineer-Economist pathway

This multidisciplinary course, offered within the Law, Political Science, Economics and Management College, delivers operational skills in Economics, focusing on decision support, environmental assessment and microeconomic modelling, applied to the energy transition, climate change and biodiversity preservation. Courses include life cycle assessment, environmental impact studies, applied modelling and carbon finance.

News 2023-2024

The HYPERSTOCK project

This national project, to be carried out between 2022 and 2023 by a consortium of national players, is part of the Decarbonated Hydrogen Research Priority Programme and Equipment (PEPR). The Institute of Mechanics and Engineering is involved in this project, which focuses on the storage, transport and distribution of gaseous hydrogen under high pressure (in excess of 200 bar), by testing the interactions of hydrogen with both metallic and non-metallic materials. By the end of 2023, work on non-metallic materials, including elastomers, thermosets, thermoplastics and components, was well underway.

The Ecoindus project

This project, to be carried out between 2021 and 2026 by the Centre Émile Durkheim, studies the low-carbon transition of the French gas industry towards the development of biogas and hydrogen. The project aims to study the extent to which this ecological transition is an adaptation by the dominant players in the conventional industry, or a more profound transformation of energy production/consumption methods. Over the period 2023-2025, a postdoc is researching

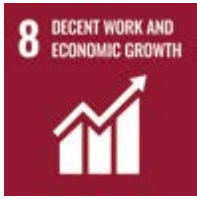
the construction of the national low-carbon strategy (SNBC) voted in 2020 and revised in 2022, looking in particular at how this strategy was defined and the role of gas industry players in defining objectives and priorities.

Patent on the valorisation of black liquor into clean energy materials

Using black liquor, the main waste product of the paper industry, a consortium of researchers from Bordeaux have succeeded in manufacturing carbon foams that can be used to store energy in the form of electrical charges.

Summer School - Materials to Technologies for advanced Energy Storages (MATES)

This Summer School, to be held between 1 and 5 July 2024, will focus on the recovery, conversion and storage of renewable energies.



Decent employment and economic growth

Promoting sustained, shared and sustainable economic growth, full and productive employment and decent employment for all

KEY FIGURES

- › 206 publications
- › 103,324 days spent teleworking

Structural elements

The International Chair for Comparative Health Studies (CIECST)

This Chair provides a framework for research and exchanges between researchers and players from diverse backgrounds and influences in the field of occupational health. The ultimate aim of CIECST is to build up and pass on knowledge on occupational health in the form of a platform bringing together researchers from different generations, backgrounds and disciplines. The ambition is also to create a dialogue between research and citizens.

Master's Degree in Employment and Social Relations

This master's degree, the M2 of which is offered on a work-study or professionalisation contract basis, includes a wide range of courses in labour law, with an emphasis on business practice.

The Preventing and Managing Occupational Health and Safety Risks University degree

Offered by the Institut du Travail de Bordeaux, this university degree aims to prepare professionals for the actions they need to take to ensure health and safety in the workplace.

News 2023-2024

The Care 4 Care project

Carried out by a consortium of European universities between 2023 and 2025, the aim of the CARE4CARE project is to study, from a comparative and multidisciplinary perspective, the working conditions of workers in the care sector and their perception of their working environment in six EU member states (France, Germany, Italy, Poland, Spain and Sweden). It also aims to develop appropriate tools to improve job quality and combat discrimination in the sector.



Industry, innovation and infrastructure

Building a resilient infrastructure, promoting sustainable industrialisation that benefits all, and fostering innovation

KEY FIGURES

- › **476 publications**
- › **40** student projects integrated the Ubee Lab at the start of the 2023 academic year
- › **24.4 million euros** allocated to the InnovationS program over 7 years.
- › **2,750** researchers involved in the University Innovation Centre

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News 2023-2024

The University Innovation Centre

Approved in the summer of 2023, the University Innovation Centre (UIC) of the University of Bordeaux and its academic partners aims to facilitate and accelerate the evaluation of research results, in particular those aimed at providing solutions to current and future climate, energy, economic and societal challenges. This programme is part of a partnership with the various socio-economic players in the region.

Structural elements

The InnovationS project

The aim of this 7-year project is to: develop a distinctive innovation culture within the university; increase the number of open innovation and entrepreneurship projects; enhance the university's attractiveness as an "innovation campus"; and promote the development of new scientific ideas in areas such as health, the agri-environment and the relationship between science and the arts.

Aquitaine Technology Transfer Company (SATT)

The SATT has a twofold objective: firstly, to protect and promote inventions resulting from the work of local public-sector researchers, and secondly, to support the holders of these innovations in their efforts to position them in their markets, thereby accelerating the process of socio-economic commercialisation of these inventions.

The Ubee Lab incubator

Ubee Lab supports students and young graduates in the Bordeaux region with an entrepreneurial idea or project. Since its creation, over 400 student entrepreneurs have been supported. In 2023-2024, a number of innovations in line with Sustainable Development Goals were launched, such as the Healwheel project, which aims to simplify travel for wheelchair users and limit the pathologies associated with their use. To meet this need, the project leader is working on the design of an electric assistance system, affordable to all, which would use the transfer of kinetic energy into electrical energy when the wheelchair brakes.



Reduced inequalities

Reducing inequalities within and between countries

KEY FIGURES

- › **215 publications**
- › **8.6 %** students from **developing countries**
- › **1,237** disabled students supported by the PHASE service in 2022-2023 (University support service for students with special needs)
- › **5.63 %** percentage of disabled university employees in 2023

Structural elements

The PARASITE Axis - For an Analysis of the Resources of Actors in Situations of Inequality, Pressures and Hardship

This section of the Émile Durkheim Centre's work focuses on understanding how individuals react to major contemporary transformations. It is particularly interested in the resources mobilised by players to try to acquire a certain capacity to act on these changes and to feel in control of them.

The Network of Disability Ambassadors

Created in September 2022, this network, made up of university staff, aims to inform and raise awareness of these issues among the university's communities. For example, the network is involved in a number of events, including the European Week for the Employment of Disabled People (SEEPH), and the Duoday programme, which allows a disabled person to spend a day working alongside a university staff member. At the start of 2024, 34 disability ambassadors were enlisted.

News 2023-2024

The Undeterred research project

Led by a consortium of research teams from different universities and other socio-economic players, this research project aims to combat the systemic discrimination suffered by young people in Europe in terms of health, housing, education and employment. Based on surveys carried out among target populations in various European cities (Barcelona, Bordeaux, Bucharest and Lausanne) since 2023, this programme aims to propose solutions likely to curb systemic discrimination.

The STIGMApro research programme

This participatory research programme focuses on the stigmatisation of mental illnesses, particularly schizophrenia. Its aim is to identify useful levers in the destigmatisation of psychiatric illnesses, and to produce data specific to the French cultural context.

The Creation Marathon

On 16 and 17 November 2023, the third edition of the Creation Marathon was held on the theme of inclusion. 200 students from the Bordeaux IUT and the Sciences et Technologies college worked in teams to come up with entrepreneurial projects designed to meet the real needs of today's students. The winning "Vithlon" project offers sports facilities in gyms for disabled people.



Sustainable cities and communities

Ensuring cities and settlements are inclusive, safe, resilient and sustainable

KEY FIGURES

- › **231 publications**
- › **557,518 m²** of buildings
- › **24 %** : percentage of Talence, Pessac and Gradignan campus staff who cycle to work (2022 survey)
- › **1,541 employees** who benefitted from the **Sustainable Mobility Package** in 2023

Structural elements

Mobility and Intelligent Transport Chair

Launched in 2019, this chair project, developed at ENSEIB-MATMECA-Bordeaux INP, in synergy with the University of Bordeaux, aims to provide concrete answers to the challenges of intelligent mobility: intelligent sensors, reliability of communications, data processing, safety, algorithmic security. Its main missions are: to develop training programmes in line with the needs of the industry, to produce application-oriented research, to create concrete cooperative ventures between academics and companies in the sector, and to create an environment conducive to innovation and technology transfer.

Bachelor of Technology in Logistics and Transport Management

From the second year onwards, this Bachelor of Technology offers a Mobility and Sustainable Supply Chain pathway.

Network of transition ambassadors

The twenty or so students, across all the institution's campuses, are raising the awareness of the entire community to environmental issues through a number of actions: Climate frescoes during "Climate Campaigns", Green Games, a team competition on the challenges of transitions, and other festive events.

Reference network for transitions

Comprising over 70 researchers, teacher-researchers and administrative staff from the university, the network's mission is to promote environmental and societal transition issues within its various structures, and to share and distil best practices.



News 2023-2024

Thesis Recovery of untreated New Aquitaine sediments in a geopolymerised composite: mechanical, microscopic and environmental study

This thesis, which will be defended in 2023 and is being prepared at the Institute of Mechanics and Engineering, aims to recover polluted dredged sediments from the bottom of rivers and harbours in the Nouvelle-Aquitaine region. These sediments, made up on average of 80% silt and 20% sand, can be used, by adding certain ingredients, to produce a polymer binder material that can replace cement in the production of more environmentally friendly concrete.

The Inter-Institutional Mobility Plan on Bordeaux campuses

To continue the work carried out on the Talence, Pessac and Gradignan sites in 2022, the University of Bordeaux is carrying out a mobility survey on its Bordeaux campuses in 2024. The aim of this approach is to analyse the ways in which students and staff travel to and from campus, in order to implement actions to decarbonise everyday mobility.

The Sustainable Cities and Innovative Buildings Priority Research Programme and Facilities

Launched in 2023, this programme, steered by CNRS and Université Gustave Eiffel, is designed to help build a community capable of taking scientific and technical responsibility for the

challenges of deploying sustainable cities and innovative buildings.

Operational Centre for Methods of Evaluating Public Action Scenarios (MESAP)

In the context of the PEPR VDBI (opposite), this structure provides researchers and local players with knowledge and methods for evaluating urban policies, in a co-construction approach. To this end, CO MESAP leads and structures the scientific and technical community in France, producing original research and promoting research work for the operational sphere.

The R3 Mob network

Launched in 2023, this network aims to give everyone access to clean mobility. It coordinates academic strengths and projects on the theme of new mobility, and develops concrete, long-term cooperation and coordination between academics and companies in the planning, mobility and transport sector. The University of Bordeaux is involved in the project via the Bordeaux Computer Science Research Laboratory (LABRI).

Karos carpooling application

Since 2024, the University of Bordeaux has been offering its staff and students alternative solutions to the use of private cars for home/work and home/study journeys via the Karos carpooling application.



Responsible consumption and production

Ensuring cities and settlements are inclusive, safe, resilient and sustainable

KEY FIGURES

- › **261 publications**
- › **1,150 t of non-hazardous waste** generated, of which **26 %** was recycled
- › **30 % of contracts notified** include environmental clauses

Structural elements

Bachelor of Technology in Materials Science and Engineering

This three-year course trains specialists in metallic materials, polymers, glass, ceramics, composites and agro-materials, with a focus on eco-design and recycling.

Bachelor of Technology in Health, Safety and Environment

This bachelor's degree trains students to analyse, control and manage professional, technological and environmental risks, and to manage crises and emergency situations in companies and/or authorities.

Professional degree in Chemistry and Physics of Materials

This course provides students with knowledge of the main classes of materials and their characterisation methods, to facilitate their recovery and/or recycling, taking into account environmental constraints.

News 2023-2024

The "Victoire du Tri" experimental project

This experimental project aims to optimise the efficiency of sorting kiosks set up on campus and gradually reduce the production of non-recyclable waste. Supported by the Psychology Laboratory, the Bordeaux School of Economics and the Heritage and Environment Department, this social psychology project allowed a detailed study of the effectiveness of different communication mediums in sorting practices to be carried out in 2023.

Ecoconstruction: what if solutions emerged from the past?

Organised in December 2023, this Rencard du Savoir, bringing together various researchers and socio-economic experts, showed how old building materials, such as wood, straw and raw earth, could provide solutions for reducing the carbon footprint of the construction industry.

The "Challenges and prospects of the Life Cycle Assessment method and Ecodesign decision support for the circular economy" day

This day, organised in April 2024 by the Institute of Mechanics and Engineering and the Institute of Molecular Sciences, aimed to present the challenges of ecodesign and existing methods, and to demonstrate the value of a life cycle assessment for the evaluation of projects in different sectors.

TechRen training

TechRen trains technicians to extend the useful life of digital equipment. This training course enables participants to apply the regulations governing the treatment of electrical and electronic waste, diagnose a digital device, and repair and recondition a device.

UBooster

This scheme accelerates students' entrepreneurial projects and helps them to establish contacts with local players in the financing of start-ups. Among the winners of the 2023 edition is the Obiwe project, which involves reinventing delivery packaging in the form of inflatable packaging that adapts to the shape of objects so that it can be reused.



Measures to combat climate change

Take urgent action to combat climate change and its repercussions

KEY FIGURES

- › **383 publications**
- › **62,500 tonnes of CO₂** emissions in 2022
- › **-75 %** target for reducing greenhouse gas emissions by 2050

Structural elements

The Augmented university for Campus and world Transition (ACT) programme

This program aims to transform campuses into living laboratories and incubators for experimental projects on a regional scale on subjects such as nature in the city and energy. Among the projects funded by this programme are: social food security for students (SDG 2), the Prisme project (SDG 3), the Victoire du Tri project (SDG 13), the TechREN training program (SDG 13), the Spipoll and Ecodoc projects (SDG 15), the Rencontres des transitions and the Bascule(s) event (SDG 17).

The Economics of Ecosystems (E2S) programme at Bordeaux Sciences Economiques (BSE)

This programme aims to use the tools of economic analysis and a multidisciplinary approach to study the impact of economic pressures on socio-ecosystems. It also aims to identify the various economic, ecological and hybrid instruments that can be put in place to reduce these pressures and their consequences.

The Tackling Global Change programme

This programme, labelled Réseaux de Recherche Impulsion by the University of Bordeaux, is an interdisciplinary consortium dedicated to the issues raised by global environmental changes, such as climate change and the collapse of biodiversity.

News 2023-2024

Publication of the book *Vine, Wine and Climate Change*

Coordinated by agronomy researchers from UMR EGFV in Bordeaux and UMR Innovation in Montpellier, this book summarises more than ten years of research into adapting the vine/wine sector to climate change. Drawing on contributions from numerous Bordeaux researchers, the book also suggests ways in which the industry can adapt to global warming.

1st edition of the "Ecological Transition and Media Coverage" Round Table

Moderated by students from the Instrumentation Master's program at the Physics UF, this round-table discussion, which brought together science journalists, climate experts and teachers, aimed to give participants the skills to understand how media content related to the ecological transition is conceived, created and received.

Climate mural

In 2023-2024, all first-year undergraduates at the Science and Technology College were made aware of climate issues, through the animation of climate murals. These 3-hour workshops provide skills to understanding climatic phenomena and the causal links that govern them.

Carbon Footprint 2022

The aim of this initiative, which will be completed in February 2024, is to carry out an annual assessment of the greenhouse gas emissions produced by the institution's various activities. The aim is to identify the main sources of emissions, so that corrective measures can be taken.



Life below water

Conservation and sustainable use of the oceans, seas and marine resources for sustainable development

KEY FIGURES

- › **269 publications**
- › Between 2014 and 2023, reduce campus water consumption by **30 %**

Structural elements

The Luciole project

This project, led by researchers from the Environnements et Paléoenvironnements Océaniques et Continentaux (EPOC, see SDG 6) joint research unit, studies the impact of light pollution on hollow oysters in the Arcachon Basin. More specifically, the aim is to analyse the extent to which the biological cycle of living beings is affected by night-time light sources.

The AquEus project

Carried out within the framework of the EUSKAMPUS cross-border cooperation laboratories, the aim of this project is to understand the fate and impact of micro- and nanoplastics on the environment, and to assess the hazardousness of new bioplastics on selected models of aquatic organisms.

Master's degree in Marine Sciences

This Master's degree is based on a range of disciplines (marine biology, marine geology, marine ecology, hydrodynamics, marine biogeochemistry, geochemistry, paleoceanography) relating to the description and understanding of the functioning of coastal ecosystems and sedimentary environments.

FOCUS

The RIVAGES Regional Research Network

The "RIVAGES" Regional Research Network (Risks and Vulnerability for Coastal Adaptation and Management in New Aquitaine) studies the coastlines of New Aquitaine. Its aim is to encourage the emergence of research projects, and to provide a forum for discussion and co-construction on environmental and social issues relating to the coastline.

This research initiative is part of a global context in which coastal areas are home to almost half the world's population, and populations are often vulnerable to the risks of flooding and coastal erosion. Across the Nouvelle-Aquitaine region, researchers from the region's various universities are joining forces to tackle these issues from complementary disciplinary fields.

The programme is structured around 3 axes, combining human sciences, physical sciences and earth sciences:

Hazard and Process

This line of research aims to improve the modelling of coastal zones, both by taking better account of physical processes and by gaining a better understanding of morphological responses to meteorological forcing.

Solutions and adaptation strategies

This area, for example, looks at defence strategies and methods to cope with the hazards facing coastal areas. It examines how nature-based solutions can enable better adaptation to coastal hazards, based on the preservation and restoration of ecosystems.

Governance and social justice

The aim of this area is to study the various inequalities resulting from the risks described above. We look at inequalities in exposure to

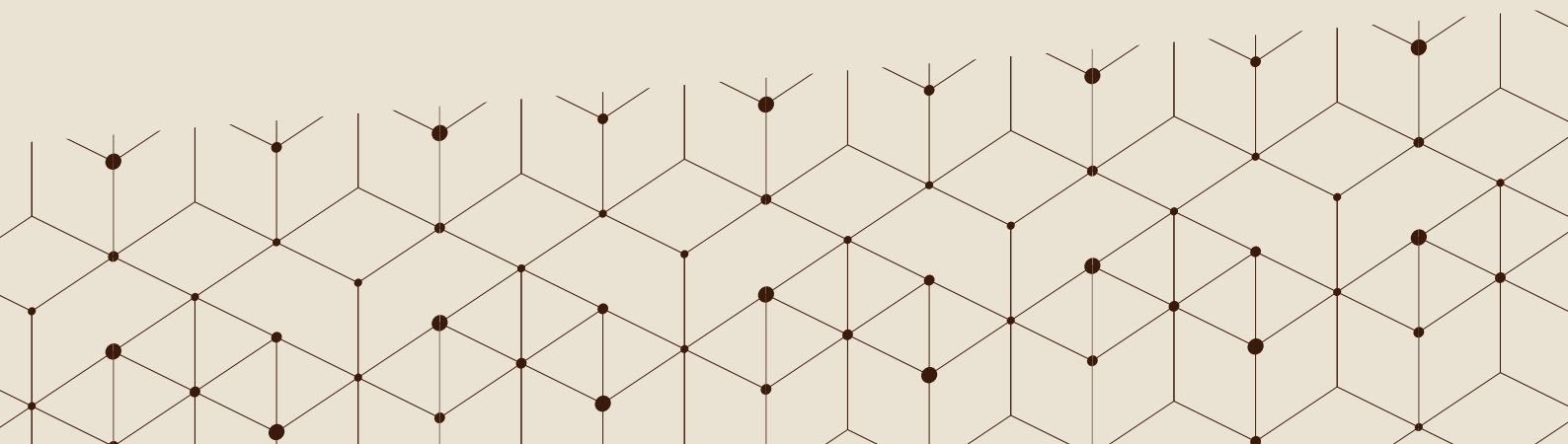
risks, based on place of residence or lifestyle, for example; inequalities in access to information on the risks incurred; and inequalities in the way these risks are handled and dealt with politically (insurance, compensation, reparation).

Participating structures:

Funded by the Nouvelle-Aquitaine region, the Réseau Rivages network brings together a number of laboratories from the region's various universities to study the coastline and its dynamics. Within the University of Bordeaux, it is run by the Observatoire Aquitain des Sciences de l'Univers [Aquitaine Observatory of Universe Sciences] (OASU). The Environnements et Paléo environnements Océaniques et Continentaux (EPOC) and Bordeaux Sciences économiques (BSE) research units are involved in this network.

KEY FIGURES

- 3 main focuses
- 11 researchers involved
- 9 research laboratories





Life on land

Preserve and restore terrestrial ecosystems, ensuring that they are used sustainably, manage forests sustainably, combat desertification, halt and reverse soil degradation and halt biodiversity loss

KEY FIGURES

- › **366 publications**
- › **140 hectares** of green spaces, **84 %** of campus outdoor spaces
- › **12 hectares:** area of the Floirac experimental forest
- › **Some forty bird species** identified on the Talence, Pessac and Gradignan sites
- › **14 species of orchid** - including one unique to the Gironde region - can be observed on campus

Structural elements

The FAUNA observatory (Wildlife in New Aquitaine)

This observatory is a regional hub for collaborative data and expertise on New Aquitaine's wildlife. It facilitates the structuring, processing and dissemination of species data as part of study and research programmes on regional biodiversity.

The BIOSENA network (Biodiversity and Ecosystem Services in New Aquitaine)

The Biosena network aims to raise the national and European profile of biodiversity conservation research. The University of Bordeaux, via its EPOC laboratory, is a member of the steering committee.

The Floirac experimental forest

This 12-hectare site will be used to study the urban forest's response to climate change and its effects on environmental health and well-being.

University degree Forest law and management

This university degree, open to both students and professionals, enables students to approach forestry issues from a variety of angles and scales: constitutional law,

biodiversity and pollution law, theory and philosophy of environmental law, and international and European environmental law.

Master's degree in Biodiversity, Ecology and Evolution

This Master's degree trains students to assess the quality and functioning of continental (semi-) natural environments, to take part in their management, and to provide expert input for research, public policy and management. It also enables students to pursue doctoral studies in the various fields of terrestrial ecology (community ecology, evolutionary ecology, etc.).

L'Astragale et la Fourmi association:

This student association offers a range of nature-related activities, including biodiversity discovery trips, introductory plant and animal species identification sessions, and the organisation of a shared garden based on the principles of permaculture and sustainable agriculture...



News 2023-2024

The national programme for the Photographic Monitoring of Pollinating Insects (SPIPOLL)

In response to the decline in pollinating insect populations, Spipoll is a national participatory science programme aimed at identifying the pollinating insects present in a given area. Anyone can photograph the flowering plants of their choice and the insects that land on them, and then upload the photos to the Spipoll website or app. Led by the Museum of Natural History and the Office for Insects and their Environment, this programme is supported at the University of Bordeaux by researchers from the BIOGECO laboratory (Biodiversity, Genes and Communities) and the Bordeaux Mathematics Institute. Samples were taken at several university sites. The project won the Region's call for ESR projects in 2024.

Validation of the institution's Biodiversity Roadmap

This roadmap sets out the university's strategic orientations in terms of biodiversity up to 2027. The main challenges over the next few years will be mapping and drawing up a biodiversity inventory, the management and future of non-artificialised areas, and the involvement and appropriation of these areas by communities.

The Ecodoc research project

Launched in April 2023, this applied research project, which is based on the Floirac

experimental forest, aims to design mechanisms to enhance the dialogue between scientific knowledge and other knowledge, likely to inform decision-making in the context of transition and adaptation.

Les Rencards du Savoir "Invasive species, really harmful"

This café-debate, held in February 2024, brought together various scientific and legal experts to reflect on the effectiveness of policies deployed to combat invasive species. On a more global scale, this café-débat also invited us to reflect on the cause of their proliferation and the role played by man in this phenomenon.

The paths of time

This Science and Society mediation and dialogue project, conceived by the Bordeaux astrophysics laboratory as part of the Sciences Avec et Pour la Société (SAPS) label, takes the public on a 13.8 km walk through the 13.8 billion years separating us from the origin of the universe. A 1/10th scale version is offered to schoolchildren in the Thouars forest in Talence, following Sam, an astro-robot, on his journey through the history of the universe, from the Big Bang to the appearance of Homo Sapiens.



Peace, justice and effective institutions

Promoting peaceful and inclusive societies for sustainable development, ensuring access to justice for all and building effective, accountable and inclusive institutions at all levels

KEY FIGURES

- › **165 publications**
- › **293 students** (Master 2 in law, law schools and magistrates' schools) enlisted by the Legal Information Service
- › **217 files processed** by students between November 2023 and June 2024

Structural elements

L'Axe Peps – Centre Émile Durkheim

The PEPS axis for Politics, Elections, Policies & Societies studies the way in which political activities are shaped by transformations in political supply and demand. To this end, the twenty or so researchers who make up this axis examine the construction of political demand, the role of institutions at different scales, and changes in political supply.

The Bordeaux University Law Clinic

Since 2013, law students have been providing free legal information, under the supervision of teaching staff, to individuals and bodies who request it. This course is now an integral part of the curriculum, and enables numerous presentations to be made in secondary schools on a variety of topics: presentation of legal professions, children's rights,

women's rights, cyber harassment, discrimination..

Master's degree in Legal and Institutional History

This master's degree prepares students for competitive law exams, but also introduces them to legal history research.

The university degree in caring for victims of violence

This university degree, with a legal focus, enables participants to acquire a better understanding of the civil and criminal legal framework for victims of violence, and provides a global vision of how to deal with victims of violence. The degree is aimed primarily at medical and paramedical healthcare professionals, but can also be aimed at other professions in contact with victims of violence.

16 PEACE, JUSTICE AND STRONG INSTITUTIONS



News 2023-2024

Writing constitutions in times of armed conflict (Study Day - CERCCLE and CRDEI)

Led by a doctoral student in public law at CERCCLE and a doctoral student in public law at CRDEI, this study day provided an opportunity to examine the effects of an internal armed conflict on the writing of adopted constitutions, from a triple perspective: that of the stakeholders, the content and the aims.

The surveillance observatory in Democracy (SDG)

Created in 2023, this collective of researchers and experts from different disciplines aims to draw up an inventory of techniques implemented by private and public players whose purpose or effect is to monitor part or all of the population. It will then enable us to carry out a multidisciplinary analysis of this sector, in order to shed light on the various controversies surrounding monitoring policies.

The Exilest research project

This project led by the Centre Émile Durkheim, over the period 2024-2026, analyses the repercussions of the ongoing war in Ukraine on

people's career paths, on individual and collective forms of politicisation, and on interactions between exiles from the three countries involved in the conflict, namely Belarus, Ukraine and Russia. More specifically, it has three aims: the first is to study the journeys of exiles, particularly the gendered dimension and the reception conditions in the destination countries; the second is to analyse the way in which war has provoked and/or transformed the forms of politicisation of these three populations (partisan organisations, collective mobilisations, media, networks, humanitarian actions). Finally, the last objective is to understand the relationships between these three populations, by analysing the forms of interaction and solidarity, as well as tensions and even conflicts.

The University Democracy teaching unit

This teaching unit encourages students to participate in European academic life by involving them in the design and production of an educational resource on academic democracy.



Partnerships to achieve objectives

Strengthening the means to implement
and revitalise the Global Partnership for Development

KEY FIGURES

- › 41 institutional partners
- › 1 inter-institutional agreement and 1 CHU constitutive agreement
- › 1 territorial digital coordination agreement

Structural elements

The Euskampus Bordeaux alliance

Since 2014, this alliance, which unites the University of the Basque Country, the University of Bordeaux and various players in the Basque and Neo-Aquitaine territories, has aimed to promote exchanges between student and researcher institutions, and scientific cooperation on various projects such as the OceanI3 project, which deals with the sustainability of the oceans.

The U7+ alliance

The University of Bordeaux is a member of the U7+ alliance, which aims to structure and advance the role of universities as global players. It brings together over 90 university presidents and CEOs from 19 countries to address the challenges of access to education.

Master 2 in Management of Non-Profit Organisations

This programme trains future directors, managers, executives and, more broadly, those with positions of responsibility in non-profit organisations. The skills acquired at the end of the course will enable you to take on the various facets and complexities of managing these organisations, acquiring expertise in finance, accounting, management and strategy.

Master 2 in Corporate Social Responsibility (CSR) Management

This master's degree provides future professionals with skills in CSR development and management, as well as in topics such as social dialogue, the circular economy, carbon issues and green finance.

The Pluriannual Cycle of Higher Education (CPES)

In partnership with Bordeaux's Lycée Montaigne, this "science and society" degree offers students a wide range of options for customising their course around the natural and social sciences. This bachelor's degree, which focuses on the challenges of environmental and societal transitions, favours a multidisciplinary or even interdisciplinary approach, and promotes training in and through research.

Le salon Trouve ton Asso (Campus Périgord)

As part of Ecology and Solidarity Week in March, BUT is organising an exhibition on the Périgord campus, designed to encourage campus students to get involved in environmental and societal transitions. For the second edition in March 2024, over 500 students were able to discover the twenty or so associations invited.



The Mayday festival

Supported by the M-tech student association, this annual music festival promotes environmental and societal transitions through round-table discussions and awareness-raising stands. Through its organisation and its partnerships with various local players, Mayday strives to be inclusive, by being free and for example setting up a "safe zone", and seeks to minimise its greenhouse gas emissions, by carrying out a carbon footprint. In 2024, 17,000 spectators took part in this event.

Green Games

This team quiz for students, proposed by the Transitions Ambassadors (cf. SDG 11), aims to raise awareness of transitions issues within the student community. Teams from different campuses compete to win prizes. As an example, the winners of the 2023 edition were offered a trip to Ghent in Belgium, a partner city of the Enlight alliance.

News 2023-2024

The launch of Enlight 2.0

Following on from the work carried out under Enlight, the aim of this programme is to create wide-ranging cooperation in training and research on a European scale, in favour of a greener, healthier, fairer and more sustainable Europe. With the addition of the University of Bern to the collaboration, 10 universities across Europe are now working to achieve the above objectives.

The Bascule(s) festival, when commitment shakes up the world

In March 2024, the University of Bordeaux launched the Bascule(s) festival to highlight and question students' commitment to environmental and societal transitions. This first edition focussed specifically on research as a field of engagement. The day featured a succession of talks by researchers, round-table discussions and stand-ups. A second edition is planned for November 2024, focusing on the theme of sport as a field for commitment to transitions.

FOCUS

Les Rencontres des transitions

Faced with the urgent challenges of transition, the University of Bordeaux is developing an interdisciplinary, partnership-based and participatory approach. Rencontres des transitions, an annual event initiated in 2022, fully illustrates this approach by pursuing three objectives:

- › Opening up the university to local socio-economic players
- › Identifying innovative projects and experiments to meet needs encountered on campus and by local socio-economic players
- › Creating favourable conditions for the continuation of these projects, notably through long-term support from the Institut des Transitions.

Les Rencontres des transitions offers the opportunity for different networks (academics, local authorities, public institutions, associations, companies, etc.) to converse and share their expertise and points of view in themed workshops, in order to design projects that respond to the problems they encounter in the region.

In November 2023, the second Rencontres des transitions was organised around 6 thematic workshops (on democracy, water, food, the working and study environment, the renaturation of cities and the energy transition of buildings), each led by a partner. This helped to contextualise the proposed issues, and enabled the participants to devise one or more actions to meet the specific needs of local stakeholders. Since this year's event, the university's project leaders and teams have been working on implementing the projects that emerged from the workshops.

For example, a series of experiments will be launched on selected university campuses on 16 October 2024. This project, supported by the CROUS and coordinated by a member of the Food and Health Living Lab, will involve various experiments carried out by campus researchers, and the evaluation of their impact on meal choice.

Other projects include the creation of a citizen network of tree ambassadors in the Bordeaux Metropolitan area, starting in December 2024. The Bordeaux metropolis, in charge of the 1 million trees plan, and an INRAE researcher are leading the project, which is coordinated by a Climate and Biodiversity Living Lab manager.

In addition to themed workshops, networking events (speed meetings, etc.), project presentation stands and workshops open to secondary school students as part of the "Sciences Avec et Pour la Société" (SAPS) programme are organised. At this year's event, for example, we presented a resilient housing prototype for students in Bordeaux, developed as part of the IMAGO research project, as well as the Student Food Social Security experiment (see SDG 2) by the New Aquitaine Practical Ecology Resource Centre (CREPAQ).

KEY FIGURES 2023

6 themed workshops, **80** participants and workshop participants including:

- › **18** research professors,
- › **12** students and PhD students,
- › **23** members from companies and local authorities



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