

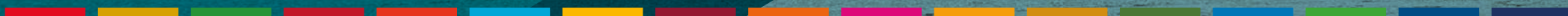


ACTIVITY REPORT

SUSTAINABILITY AND TRANSITION

AT ULIÈGE

2023-2024



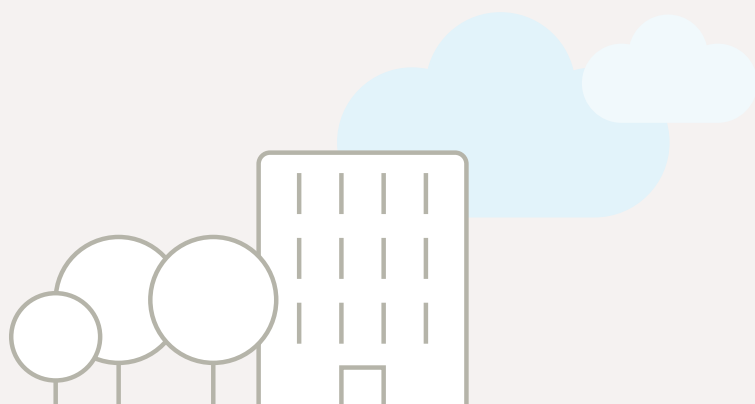
Here and Now

This is the fourth edition of our annual sustainability report. It is now called the «Sustainability and Transition» report and is structured around 5 themes: research, teaching, community services, sustainable campuses and transition governance. Reporting on each of these themes follows the same pattern: findings - objectives - 2023-24 achievements - challenges and future projects.

This annual report cannot claim to be exhaustive. Rather, it is intended as a broad overview referring the reader to the [website dedicated to Sustainability and Transition at ULiège](#). This report outlines the many initiatives and convergent efforts undertaken by our faculties, our researchers, our teachers, our students, our administrations and, of course, by the bodies dedicated to sustainability. It illustrates the extent to which we have significant levers for action, here and now, to design a sustainable world that is to our liking.

Anne-Sophie Nyssen
Rectrice

Sybille Mertens
Advisor to the Rector on Social
and Environmental Transition



1

**RESEARCH EQUIPPED
TO SUPPORT THE SOCIAL
AND ENVIRONMENTAL
TRANSITION**

P. 4

2

**EDUCATION TAILORED TO
THE CHALLENGES OF SOCIAL
AND ENVIRONMENTAL
TRANSITION**

P. 12

3

**COMMUNITY SERVICES
THAT MEET THE
CHALLENGES OF SOCIAL
AND ENVIRONMENTAL
TRANSITION**

P. 27

4

**CAMPUSES COMMITTED
TO SOCIAL AND
ENVIRONMENTAL
TRANSITION**

P. 35

5

**CLEARER GOVERNANCE
OF THE SOCIAL AND
ENVIRONMENTAL
TRANSITION**

P. 51

6

**SUSTAINABILITY &
TRANSITION DASHBOARD**

P. 57



1

Research equipped to support the social and environmental transition

1.1. Findings and Strategic Objectives	p.4
1.2. 2023-2024 Achievements	p.5
1.3. Future Projects	p.10

1.1. FINDINGS AND STRATEGIC OBJECTIVES

Through its mission of research and knowledge production, the University plays an essential role in illuminating the necessary trajectories towards more sustainable ways of living and organising. The problems we face are complex and interconnected. In order to respond to these challenges, ULiège intends to continue to use its disciplinary expertise on issues related to sustainability, as well as encourage the deployment of interdisciplinary research and participatory science activities on these same subjects. In addition, in the interests of coherence, it intends to promote research practices that are part of a sustainable perspective, both in terms of respect for people and concern for the environment.

KEY FIGURES



94.4/100

ULiège's score in environmental research according to the 2024 QS Sustainability Ranking

97.8/100

ULiège's score in SDG 9 (industry, innovation and infrastructure) according to the THE Impact rankings



5 final-year works nominated for the HERA awards in 2023-24

1.2. 2023-2024 ACHIEVEMENTS

FACULTIES AND RESEARCH UNITS HIGHLIGHTS

Numerous research projects related to sustainability and/or transition emerged or continued in the various faculties of ULiège in the 2023-24 academic year. Many of them are concerned with reducing the carbon footprint of human activities, particularly those related to construction or livestock farming. Several projects also deal with socio-economic transitions and equality or social and health justice.



Faculty of Architecture: URMIBALI project - reuse of building materials

The URMIBALI project is looking at the re-use of building materials from demolitions, which account for 39% of waste in Wallonia. This waste is seen as a resource that can be reused in new buildings or as a raw material. Based on six sites in Liège and digital documentation technologies, the project is developing a quick method for inventorying and quantifying these materials in old buildings. The project stands out for its interdisciplinary approach and its potential to be applied to other environments. It is essential for strengthening circular practices in the building sector in Wallonia and Europe.

① Sophie Trachte, Sophie.Trachte@uliege.be;
Pierre Hallot et Philippe Sosnowska



Faculty of Law: Inequality of assets from a gender perspective

This research, conducted jointly with V.U.B., explores inequalities between men and women in terms of family assets, particularly in the event of separation or death. Do men have an advantage in the distribution of family assets? Does the trend towards encouraging agreements benefit men? This study, based on a socio-economic and legal analysis, as well as an empirical study of professionals involved in the transfer of family assets, shows that the rules on the separation of property and legal cohabitation place women at a disadvantage, that gendered power relations influence marriage and separation contracts, and that women are more inclined than men to make concessions. Recommendations to legislators have been proposed, and conferences for professionals have been planned.

① Yves-Henri Leleu, YH.Leleu@uliege.be



Faculty of Medicine: Health justice - Detecting falsified and poor-quality medicines

Falsified and substandard medicines account for around 10% of the global market. Early detection at every stage of the supply chain is crucial to ensuring quality healthcare. Portable near-infrared spectrophotometers can be used to do this.

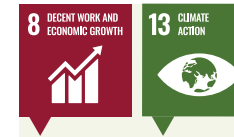
This project, in collaboration with international partners, aims to provide professionals in the field with tools for rapidly obtaining reliable information on the presence and quantity of active ingredients in essential medicines.

To achieve this objective, the project plans to create a reference database of spectra, as well as protocols for sampling, measuring spectra and analysing the data.

One of the drugs tested in the pilot phase is an antibiotic recently classified by the WHO as being of high priority and critical importance. The control of these antibiotics, used in humans and animals, is part of the «One Health» approach to global health.

① Éric Ziemons, eziemons@uliege.be; Roland Marini, rmarini@uliege.be et Pierre-Yves Sacre, pysacre@uliege.be

🌐 University of Toulouse, University of Abomey-Calavi, Benin Ministry of Health and the Pierre Fabre Foundation



HEC Management School ULiège: Tax evasion as an unintended consequence of environmental regulation

This article examines the extent to which companies covered by the world's largest emissions trading scheme (EU ETS) reduce their taxes after a sharp rise in the price of emissions allowances.

The article points out that polluting companies recover part of the cost of emission allowances from society by reducing their tax contributions. As a result, part of the effectiveness of the European Emissions Trading Scheme as a mechanism for changing behaviour is reduced. This effect is mitigated by stronger governance mechanisms at company and national level.

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Vincent Compagnie, vcompagnie@uliege.be



Faculty of Gembloux Agro-Bio Tech: Towards organic, fair-trade and carbon-neutral cocoa

Agroforestry cocoa growing is a promising way of tackling climate change. Incorporating trees into plantations improves shade, soil fertility and carbon capture. These trees also provide wood and useful products for medicines and food, reducing the pressure on natural forests.

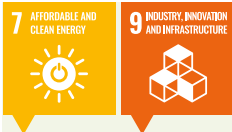
The «People Planet and Cocoa» project, launched in 2019 by Belgian chocolate maker Galler with the support of the King Baudouin Foundation, has helped 1,218 producers from the Yéyasso cooperative in Côte d'Ivoire to plant 60,000 trees on over 2,000 hectares.

In 2023, ULiège experts extended this initiative for a further three years with the project «Towards organic, fair-trade and carbon-neutral cocoa». They are measuring the benefits of agroforestry, in particular the amount of carbon captured.

① Jean-Louis Doucet, jldoucet@uliege.be



© J.L. Doucet



Faculty of Sciences: Reducing the carbon footprint of construction - Towards more efficient buildings thanks to intelligent glazing

Currently, around 75% of the energy used in commercial and residential buildings is used to control temperature and brightness. Various solutions are being developed to reduce this energy impact, including photovoltaic panels, energy-efficient lighting systems and electrochromic glazing. The latter adjust the transmission of light and/or heat according to need, the weather or the season, using an electrical potential.

Since October 2023, the GREEnMat laboratory has been coordinating the M-ERA.Net PECLABEL project, which is developing environmentally-friendly inks for plasmonic nanostructures based on metal oxides to create spectrally selective devices in the visible and near infrared. In other words, these inks are designed to create devices capable of selecting and manipulating visible and near-infrared light. The expected spin-offs include the development of high-performance, durable and energy-independent labelling systems (so-called «intelligent» labelling devices for, for example, proving the authenticity of an object), and have significant potential for improving the energy efficiency of buildings.

① Pierre Colson, Pierre.Colson@uliege.be



Faculty of Veterinary Medicine: Towards sustainable meat and dairy farming - Environmental diagnostics and strategies for reducing the carbon footprint

The agricultural sector is responsible for around 10% of greenhouse gas (GHG) emissions, including methane, nitrous oxide and carbon dioxide. However, it also contributes to the sequestration of CO₂ in soils. The Life Carbon Farming, Climate Farm Demo and Climate Smart Advisors projects, supported by the European Union, aim to assess the carbon footprint of farms through environmental diagnostics. These audits are used to develop strategies for reducing GHG emissions and improving carbon storage in the soil. Farm advisors are trained to help farmers adopt more environmentally-friendly practices.

① Françoise Lessire, flessire@uliege.be



Faculté des Sciences appliquées : réduction de l'empreinte carbone de la construction - Vers une valorisation des cendres volantes de biomasse comme alternative partielle au ciment

Biomass accounts for over 4% of energy consumption in the European Union, and this share is set to rise. However, storing biomass fly ash takes up a lot of space and can contaminate groundwater. At the same time, cement production generates around 5 to 7% of CO₂ emissions. Replacing some of the clinker or cement with other materials is therefore both an opportunity and a necessity for environmental reasons.

The BioFaCon3 project seeks to improve the disordered structure of biomass ash by treating it, for example, by microgrinding in order to enhance its ability to bind materials.

① Luc Courard, Luc.Courard@uliege.be



Faculty of Philosophy and Letters: a mythological approach towards the energy transition

Among the responses to the ecological crisis, the idea of energy transition dominates: it involves seeking technical solutions to reduce energy consumption and replace fossil fuels with so-called sustainable resources. The «Mythernergie» project postulates that techniques are inseparable from the narrative frameworks that justify them and inscribe them in particular power relationships. The energy transition relies as much on techniques as on narratives, which open up or close off the field of possibilities, shape imaginations and activate emotions. It is proposed that these stories be considered myths, which need to be identified and described.

① François Provenzano, francois.provenzano@uliege.be et Julien Pieron, julien.pieron@uliege.be



Faculty of Sciences: Waste2Bio: research into the reuse of brownfield sites

Launched by the SPW Economy, Employment and Research as part of its S3 strategy (Intelligent Specialisation Strategy), the Waste2Bio Strategic Innovation Initiative aims to rehabilitate brownfield sites. Coordinated by the University of Liège, Waste2Bio brings together more than 100 Walloon players in brownfield redevelopment, the biobased economy and ecology. The aim is to make economic and environmental use of derelict land.

In a context of climate change, declining biodiversity, the fight against land artificialisation and competition for land use, brownfield sites offer great potential for developing natural solutions. This includes phytomanagement, which uses plants and micro-organisms to provide ecosystem services, preserve the health of soil and water resources, human health and well-being and produce recoverable biomass.

Waste2Bio is proposing an integrated approach to creating an operational platform by 2028 that will deploy innovative phytomanagement solutions, thereby restoring value to brownfield sites, either temporarily or permanently.

① Marc Hanikenne, marc.hanikenne@uliege.be et Cécile Nouet, cnouet@uliege.be.



Faculty of Social Sciences: Social and ecological transformation - from a McDonald's to a self-managed cooperative, using local distribution-channels, in the northern district of Marseille

Since 2015, in Marseille, a McDonald's has been occupied and gradually transformed into a cooperative self-managed by its workers after the retailer left. This research project aims to explore how a working-class neighbourhood can reclaim sustainability by linking it to social struggle, while also promoting economic emancipation, democracy and a new relationship to work. The cooperative pursues social and ecological objectives through a variety of activities :

1. Producing free food baskets.
2. Maintaining a fast-food restaurant, but with local produce.
3. Offering cultural activities to strengthen social links.

This initiative takes place in a peri-urban neighbourhood where the majority of residents have post-colonial immigrant backgrounds and live in precarious conditions. By integrating local producers and recreating social links through voluntary work and culture, this cooperative enables people from different backgrounds to help change the world from a northern district of Marseille.

① Bruno Frère, bfrere@uliege.be et Maryline El Khoury, marylineelkhoury@gmail.com

HERA AWARDS - HIGHER EDUCATION & RESEARCH

The **HERA Awards** are presented annually by the Foundation for Future Generations. They are designed to support young graduates who have produced master's dissertations and doctoral theses on transforming the world. Five final-year works by ULiège students were nominated this year. At the 12th awards ceremony (organised at UMONS in April 2024), two young ULiège graduates won prizes in the following categories:



Winner of the Special HERA Award Brussels for Future Generations: Coralie Muylaert for her thesis in Economics & Management, HEC Liège, entitled: «Clothing libraries versus fast fashion. Revealing the barriers to change in usual consumption practices in order to better overcome them and promote the deployment of the economy of functionality in the clothing sector».

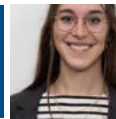
Supervisors: Kevin Maréchal et Sybille Mertens



Winner of the Special HERA Award Brussels for Future Generations: Juliette Baps for her Master's dissertation in Management Sciences, HEC Liège, entitled: «The Belgian food industry and the European directives on Corporate Sustainability Reporting and Corporate Sustainability Due Diligence».

Supervisor: Virginie Xhaufleur

The three other ULiège students nominated for the 2024 HERA awards are:



HERA Award Sustainable Democracy nominee: Salomé Charles, for her Master's dissertation in Law, Faculty of Law, Political Science and Criminology, ULiège, entitled: «Civil disobedience in the Belgian legal context».

Supervisor: Christian Behrendt



Nominee HERA Award Sustainable Health: Nolwenn Lechien for her Master's dissertation in public health sciences, Faculty of Medicine, entitled: «'Prescribing nature' by healthcare professionals in medical centres: exploring perceptions, obstacles and levers of this innovative practice in the Liège region».

Supervisor: Laëtitia Buret



HERA Award Sustainable Food Systems nominee: Solenn Nguyen Vien, for her Master's dissertation in agroecology, Faculty of Gembloux Agro-BioTech and ULB Inter-faculty School of Bio-Engineering, entitled: «Maintaining market gardening in a context of water scarcity: study of the impact of climate change on irrigation requirements on the Saclay plateau by 2060 and future perspectives».

Supervisors: Erwan Personne et Nicolas Vereecken

 [MORE INFORMATION](#)

1.3. FUTURE PROJECTS

ULiège's next challenge will be to provide researchers with the means to produce knowledge and propose innovations, with cross-disciplinary perspectives, and to develop research that is up to the challenge. In other words, research that takes up the issues linked to transition, that becomes interdisciplinary, that connects researchers to the territories, and that proposes scenarios for the future.



CREATION OF A TRANSITIONS LABORATORY: TRANSDISCIPLINARY, FORWARD-LOOKING AND PARTICIPATORY RESEARCH

In close collaboration with its faculties and research units, ULiège is working towards the creation, in 2025, of a place dedicated to **transdisciplinary, forward-looking and participatory research on transition issues**. The aim is to incubate new dynamics and provide collaborative initiatives (such as **One Health**) with a space and methodological equipment to stimulate interdisciplinary dialogue, a progressive approach and the involvement of non-scientific experts in the production of knowledge.

 [MORE INFORMATION](#)



ECORESPONSIBILITY IN RESEARCH PRACTICES: STRUCTURING AND SETTING UP INSTITUTIONAL SCIENTIFIC PLATFORMS

In the 2024-2025 academic year, the University plans to launch a policy to better organise and develop its scientific platforms. The aim is to align with the ambitions of sustainability, inclusion and innovation. The policy will encourage collaboration between stakeholders, all the while promoting material and energetic sobriety as well as transparency. It will make the platforms more accessible to researchers, avoid the purchase of expensive new equipment, and reduce the occupancy of buildings and the energy consumption associated with their use.



2

Education tailored to the challenges of social and environmental transition

2.1. Findings and Strategic Objectives	p.12
2.2. 2023-2024 Achievements	p.13
2.3. Future Projects	p.21

2.1. FINDINGS AND STRATEGIC OBJECTIVES

By raising students' awareness of the major transformations taking place on our planet and in society, and by giving them the skills they need to face the challenges ahead, the University is playing a key role in the social and environmental transition.

An inventory of our courses linked to and dedicated to sustainability, and an analysis of our programmes, reveals that there are many opportunities for students to familiarise themselves with the challenges of transition and develop the skills required. However, the 2023 Post Master survey of graduates showed that this offer is insufficient: given the scale and complexity of the challenges, graduates feel that their courses do not sufficiently meet their expectations.

In response, ULiège aims to integrate sustainability and transition into all its study programmes and to raise awareness of these issues among both students and teaching staff. This will involve making better use of existing courses, offering additional dedicated courses and supporting the adaptation of teaching content and methods.

KEY FIGURES

91.2/100



ULiège's Education Impact score according to the 2024 QS Sustainability ranking.

This metric evaluates the educational offer and the quality of certain subjects within the institution that can have a positive impact on society: education, politics, social policy, law, art and design. It also looks at research into relevant SDGs and the impact of alumni in the sector.



109

courses dedicated to sustainability



227

courses linked to sustainability



2.2 2023-2024 ACHIEVEMENTS



IDENTIFICATION OF COURSES LINKED TO OR DEDICATED TO SUSTAINABILITY

Sustainability and transition issues are obviously already covered in many courses in all our faculties. To help students identify these courses, specific pictograms are now used in the programmes.

This new inventory (updated annually) makes it easier for students to choose sustainability courses and helps to make the institution more attractive. It also encourages lecturers to develop their content and share their teaching practices.

By the end of the 2023-24 academic year, 109 courses dedicated to sustainability had been identified. These courses explicitly address the interdependence between ecological and social systems. In addition, more than 220 other courses that deal significantly with sustainability issues have been identified.



MORE INFORMATION





INTER-FACULTY MEETING ON TEACHING SUSTAINABILITY AND TRANSITION

In December 2023, the University organised its first inter-faculty meeting on 'Sustainability and Transition'. At the invitation of the Rector and the Vice-Rector for Teaching, more than 80 lecturers were able to share their institutional and faculty experiences and hear presentations by organisations specialising in outreach and awareness-raising (Green Office, Eclodio, Imagine, The Shifters). The meeting was enhanced by the presence of two international experts. Christian Arnsperger, Professor of Sustainability and Economic Anthropology at the University of Lausanne (Institute of Geography and Sustainability, Faculty of Geosciences and Environment), gave a presentation entitled "What transition for which sustainable lifestyles?" Luc Abbadie, professor emeritus of ecology and researcher at the Sorbonne University, vice-chairman of the Scientific Council of the French Office for Biodiversity, former director of the Institute for Environmental Transition at the Sorbonne and principal author of the 2022 Jouzel report (commissioned by the French government on the subject of teaching transition and sustainable development), gave a talk entitled «Raising awareness and providing training in the challenges of ecological transition and sustainable development in higher education».



SUMMER UNIVERSITY ON SOCIAL ENTREPRENEURSHIP AND ECOLOGICAL TRANSITION: 4TH EDITION OF CLIMACTES

In July 2024, the non-profit organisation ACTES organised its fourth Summer University at ULiège to create social entrepreneurship projects based on the ecological and solidarity-based transition. Around thirty participants had the opportunity to take part in 17 courses, 8 workshops and several conferences over 9 days, led by renowned teachers and experts.

Topics covered food, energy, finance, construction, regenerating life, mobility, social justice, the circular economy and financing sustainable projects. Participants benefited from the support of specialist coaches to help them turn their ideas into reality and create transitional projects, taking care to solve the difficult equation: economically viable projects with less environmental impact (negative) and more social impact (positive).

 [MORE INFORMATION](#)



FACULTY HIGHLIGHTS



Faculty of Law, Political Science and Criminology: course on the environmental impact of land ownership

The Political Science Department is offering a course on territorial development and the environment, covering the political issues and the legal framework in place, mainly in Wallonia. The environmental themes chosen are those frequently encountered in real estate projects to make them more operational. This course is aimed at a varied audience, with 120 students taking the course in 2023-24. These students included town planners, architectural engineers, political scientists, biologists and geographers. In December 2023, Emmanuel Colla, a legal expert at Spaque, gave a master class on soil policy.

🕒 Sophie Hanson, sophie.hanson@uliege.be



Faculty of Sciences: Inter-faculty project on the circular economy of materials with HEC Liège

The Recycling or Upcycling Challenge (RUC) project is an inter-faculty collaboration between first-year Master's students in Chemistry and third-year Bachelor's students in Science/Engineering Management on the recycling of end-of-life materials and objects.

As part of the 'Marketing and Innovation' course, students at HEC Liège have to turn waste into a marketable product (bicycle tyres, shoe soles, damaged tents, broken tiles), by researching the material, devising a sustainable product, meeting professionals, evaluating the market and defending the product before a jury.

As part of the 'Macromolecular and Materials Chemistry' course, the chemistry students act as materials consultants, helping to understand the technical data and improve the relevance of proposals for realistic recycling (toys, food packaging, insulation materials).

The project was given a higher profile during the final presentations on 18th June 2024, when students from the **Advanced Materials for Innovation and Sustainability (AMIS) European Master's** took part in a sustainability workshop in Liège.

🕒 Anne-Christine Cadiat, accadiat@uliege.be ; Christine Jérôme ; Bénédicte Vertruyen et Claire Gruslin

[+](#) MORE INFORMATION





HEC Management School ULiège: training leading to certification in calculating the Bilan Carbone® (carbon footprint)

All students at HEC Liège are required to attend **skills workshops** during their course, an original teaching method that takes the form of 16 hours of face-to-face lessons in small groups, and which makes use of soft skills. Through this scheme, and as part of a partnership agreement between HEC Liège and ABC (Association pour la Transition Bas Carbone, Paris), a workshop was devoted to the Bilan Carbone® certification course. The ability to draw up a certified carbon footprint is a skill that is increasingly in demand from companies. Students learned how to calculate greenhouse gas emissions using the international standard ISO14064-1 and how to use a certified spreadsheet to produce a Bilan Carbone® in a professional environment. Throughout the academic year, 26 Master's students and 14 students on the Environmental Management continuing education course took part in this workshop.

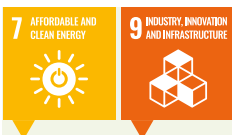
① Joseph Smitz, j.smitz@uliege.be



Faculty of Medicine: Cycle of lectures on Sustainability and Transition

Made up of academic, scientific and administrative staff and students, the **Faculty of Medicine's Sustainability Unit (CDFM)** aims to raise students' awareness of sustainability issues in healthcare. Since 2022-2023, the CDFM, as a steering committee open to faculty initiatives, has been organising, in collaboration with Eclodio, a series of conferences on transition, sustainability and health with experts from ULiège and elsewhere. In 2023-24, it organised two lectures. One by Dr Karolien van den Brekel (Positive Health International) on the theme of «**Positive Health**», focusing on the person, resilience and the meaning of life rather than on illness. Dr Sébastien Bohler's talk focused on the neurocognitive and behavioural challenges of social and ecological transition.

① Felix Scholtes, Felix.Scholtes@uliege.be



School of Engineering: new course in energy engineering

To meet the challenges of energy transition and sustainability, the School of Engineering has created a Master's degree in Energy Engineering. This multidisciplinary course covers the technological aspects of energy production, conversion, transport, distribution and storage, as well as its rational use in buildings and transport. Questions are also put into perspective in relation to the energy market, regulatory constraints, geopolitical issues and the challenges of sustainability.

① Grégoire Léonard, G.Leonard@uliege.be



© Geoffrey Meuli



Faculty of Gembloux Agro-Bio Tech: ethics in bio-engineering at the heart of teaching

At the opening ceremony of the academic year, Professor Patrick du Jardin gave an inaugural lecture entitled «What ethics for the bioengineer?» He proposed a new vision of the role and missions of the bioengineer, concluding with a number of recommendations inspired by the ethics committees which he has been a member of during his career. This reflection is at the heart of a new course in the bioengineering curriculum in 2023-24.

In April-May 2024, Christelle Didier, Senior Lecturer in Education at the University of Lille and winner of the Chaire Francqui 2023-24 at Gembloux Agro-Bio Tech, gave several lectures on this theme. The seminar «Submit or resign. But what if there was another way?» on 11th April 2024 was aimed at Master 1 students preparing for their placements.

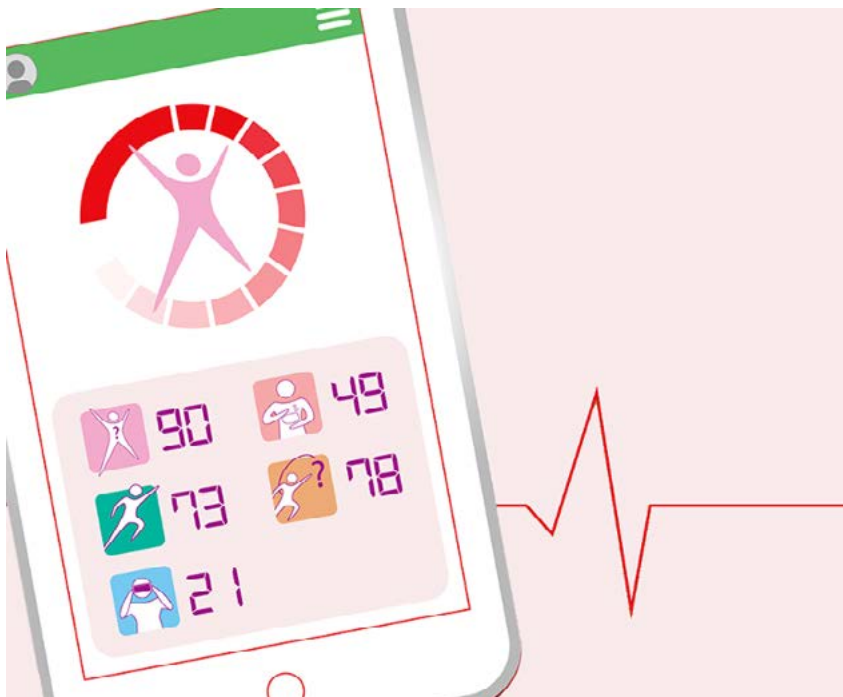
① Patrick du Jardin, patrick.dujardin@uliege.be



Faculty of Architecture: course on the recoverability of building materials

In the «Discovering and experimenting with space» course, students are presented with an existing building so that they may learn how it works, how to assemble it, and discover the rules of construction and composition. The building, produced as a 1:25 scale model, is then dismantled to build other structures. In this way, students are confronted with contemporary issues regarding the use of materials. Students discover that architecture can be dismantled and reused, and that this reuse, although restrictive, stimulates creativity. Recovering materials by dismantling them is a complex process, but 90% of the material in the models has been recovered to make other worlds.

① Patrick David, patrick.david@uliege.be ; Sebastien Ochej et Michel Prégardien



Faculty of Psychology, Speech and Language Therapy and Educational Sciences: online course on environmental health

Environmental health has been defined as «aspects of human health and disease that are determined by the environment» (WHO, 1989). The focus of this definition is on the possible relationships between environmental variables and health, and on health monitoring. Environmental variables include biogeographical factors, environmental pollution and disturbances, as well as factors relating to the quality of food, the quality of the indoor environment (air, noise, electromagnetic fields, etc.) and the quality of the working environment (abnormal fatigue or specific stress factors).

This subject is covered in the Psychology of Health course via the MOOC «Acting for your health», aimed at students in the second year of the Bachelor's degree in Psychology and the first year of the Master's degree in Public Health. It explores how people frequent a place and interact with it.

① Anne-Marie Etienne, AM.Etienne@uliege.be, Céline Stassart et Aurélie Wagener.



Faculty of Veterinary Medicine: collaborative project to strengthen teaching on animal health

Veterinarians play an essential role in detecting the symptoms of zoonotic diseases in animals. The strengthened collaboration with the Faculty of Veterinary Medicine of the University of Lubumbashi (FMV-UNILU) in the DRC, funded by AMORCE, ARES-CCD, aims to improve the training of students and veterinarians through practical training. The aim is to make the FMV-UNILU a reference point for clinical issues relating to ruminants and dogs in the region. By encouraging collaboration between the teaching staff of the ULiège Faculty of Veterinary Medicine and the FMV-UNILU authorities, the project aims to improve the quality of training, encourage regular clinical practice and meet the needs of the local veterinary community.

① Dominique Peeters, dpeeters@uliege.be et Kris Gommeren, Kris.Gommeren@uliege.be

PROJECTS AS PART OF UNIC

ULiège is a member of the UNIC alliance, which brings together 10 universities anchored in post-industrial urban ecosystems in transition to a service-based economy. These universities are directly linked to cities facing similar challenges, such as youth employment, the impact of new technologies, the transition to renewable energy sources and the evolution of health-related challenges. As part of UNIC, ULiège has set up or contributed to several teaching initiatives.



ERASMUS MUNDUS JOINT MASTERS – REDESIGNING THE POST-INDUSTRIAL CITY

The **RePIC Master's degree**, a 2-year Erasmus Mundus programme (120 ECTS) with 8 partners from the UNIC alliance, has been launched. This Master's programme trains students to think about the transition of post-industrial cities. Graduates will develop skills in research, digital design and spatial analysis, and will be able to act as mediators between experts and the general public, thanks to their diversified knowledge..

① Jean-Marie Halleux, Jean-Marie.Halleux@uliege.be



UNIC SUPERDIVERSITY SCHOOL

The first “UNIC Superdiversity School” was held in Liège between the 26th and 28th April 2023. This seminar brought together local stakeholders to discuss the challenges of diversity in higher education, addressing three main topics: student life (disability, gender-based violence, commitment), human resources (gender inequality, discrimination), and research (commitment, democratisation of science, decolonisation of knowledge).

① Elsa Mescoli, E.Mescoli@uliege.be



UNIC SUMMER SCHOOL ON AGING WELL

The first “UNIC Summer School: Aging well together in Liège” took place from 17th to 23rd September 2023. This free week brought together students, specialists and members of associations to discuss ageing in post-industrial cities. They explored solutions for improving the quality of life of the elderly, taking into account various fields such as nursing, gerontology, architecture and participatory design.

① Catherine Elsen, Catherine.Elsen@uliege.be



MORE INFORMATION



ONE HEALTH AT THE RÊVE GÉNÉRAL FESTIVAL

From 2nd to 22nd April 2024, the Rêve Général festival got the hearts of the university community beating. The last day was entirely devoted to the «One Health» concept, with a virtual UNIC round table that attempted to answer the question “How can local actions inspire a European vision for the implementation of One Health». The «One Health» concept, which emerged at the beginning of the 21st century, is a transdisciplinary framework that considers health issues at the intersection of the human world, the animal world and ecosystems. We need to take account of the interconnections between living things if we are to combat the risk of pandemics and, more generally, look after the planet and all its inhabitants.

① Nicolas-Antoine Moussiaux, nantoine@uliege.be



2.3. FUTURE PROJECTS

In line with its strategic objectives, ULiège is announcing a number of initiatives relating to the teaching of sustainability and transition at ULiège. These include the launch of the online ‘Sustainability and Transition’ course for students and staff, the introduction of Service Learning, the creation of the SEOS Master’s degree within the UNIC network, as well as a university certificate in SME consultancy. In addition, a range of support services are available to teachers wishing to incorporate more sustainability into their courses.



“SUSTAINABILITY AND TRANSITION” ONLINE COURSE

From the start of the 2024-25 academic year, a unique and innovative 2-credit (ECTS) «Sustainability and Transition» course will be compulsory on all Bachelor’s programmes at the University of Liège.

This course is initially made up of an online part (which will gradually be made accessible to the entire university community). It consists of 54 video clips from ULiège experts and is structured into three interconnected modules. The first module provides a foundation of knowledge enabling us to take stock of the planet’s limits and the extent to which social needs are being met. The second module introduces a holistic approach to the causes of the various environmental and social issues,

and applies this systemic approach to the question of food. Finally, the third module presents the concepts of sustainability and transition and introduces the solutions and levers for action.

As a complement to this online course, each faculty will organise specific activities for its students.

In addition, three evenings of reflection will be organised on the theme of combatting eco-anxiety, and workshops will be offered to members of staff.



LINK TO THE ONLINE
COURSE FOR STAFF



MORE INFORMATION





SUPPORTING TEACHERS IN TRANSFORMING THEIR COURSES

ULiège is committed to supporting teachers in the development of teaching content and approaches, in order to adapt all courses, including continuing education courses. To this end, it offers teachers a number of resources (Green Comp; the IFRES support module; Green Office support pathway for co-creating challenges (linked to the UNI for Change platform); Eclasio support for integrating societal issues into courses).



NEW ENZYME UNIVERSITY CERTIFICATE: SUSTAINABLE DEVELOPMENT AND TRANSITION CONSULTANCY FOR SMES

Organised since September 2024 by the HEC Liège Executive School, with the support of the ESF, this 16-day programme (16 ECTS credits) aims to train sustainability consultants to understand and guide companies' sustainable transition. It consists of 3 modules covering the essential elements for analysing and initiating this transition. Participants will be supported throughout the programme to complete a final project. The certificate will be offered again in February and August 2025.

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RAISING AWARENESS OF DIGITAL SOBRIETY FOR MEMBERS OF STAFF

In November 2024, ISIT, in collaboration with ULiège, started offering an awareness-raising workshop on digital sobriety to members of staff to help them discover the challenges of digital technology for sustainability. The aim of the workshop is to provide an understanding of the main ecological and social challenges of digital technologies and to encourage reflection on the need to incorporate good practice into the workplace (purchasing, workstations, printing, telephony, etc.).





UNIC'S NEW SEOS MASTER'S: SUPERDIVERSITY IN EDUCATION AND SOCIETY

From October 2024, the University will launch the SEOS (Superdiversity in Education, Organisations and Society) Master's programme. This Master's programme explores superdiversity and the intersectionality of social categories, such as ethnicity and gender, in a context of growing crisis and inequality.

Students will analyse the impact of superdiversity on education, organisations and society, and develop skills to contribute to inclusive and sustainable European societies.

① Elsa Mescoli



SUSTAINABILITY AND TRANSITION IN FACULTY AND PROGRAMME EVALUATION

From 2025, ULiège's quality assurance system will incorporate questions relating to sustainability and transition.

At programme level, the aim is for these considerations to be taken into account when assessing the Research-Society link for courses and teaching activities.

Each faculty will be invited to regularly review the way in which it defines its vision and the projects aimed at developing skills in sustainability and social and environmental transition.



SERVICE LEARNING: LEARNING THROUGH CIVIC EXPERIENCE

The Service Learning project, which is part of the institutional strategy, introduces a practical learning method where students participate in services that meet social needs. This approach combines classroom teaching, practical experience and civic engagement to enrich academic, professional and civic learning.

From the start of the 2024-2025 academic year, 8 courses in 5 faculties will be awarded the 'Service Learning' label. For example, students on the Master's degree in Medical Engineering will be working on technical solutions for hospital patients, while those on the Bachelor's degree in Psychology and Education Sciences will be helping children with learning difficulties in a remedial teaching setting.

Ultimately, ULiège wants all its students to be able to take at least one Service Learning course.





3

Community services that meet the challenges of social and environmental transition

3.1. Findings and Strategic Objectives	p.25
3.2. 2023-2024 Achievements	p.26

3.1. FINDINGS AND STRATEGIC OBJECTIVES

As part of its mission to provide services to the community, the University is supporting the social and environmental transition by encouraging exchanges between scientific knowledge and the expertise that exists outside its walls. ULiège intends to make better use of the many "go-betweens" (its Green Office, Liège and Luxembourg Creative, the university NGO Eclosio and the structures brought together within the **Museum and Cultural Centre**, such as the Maison des Sciences de l'Homme and Réjousciences) to encourage exchanges in the areas where it is present. It also wishes to encourage and recognise the individual and collective commitment of its members to transition projects, including in the context of university activities.

KEY FIGURES

90/100



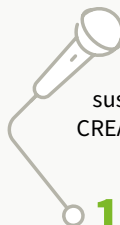
ULiège's score in the QS Sustainability ranking 2024 for sharing knowledge and raising awareness in the local community

3 393



participants of the 60 activities organised by the Green Office in 2023-24

1 409



attendees of the 30 conferences on sustainable development organised by LIÈGE CREATIVE, involving 33 researchers from ULiège

1 005

attendees of the 14 events organised by LUXEMBOURG CREATIVE

14



social and environmental transition projects led by members of the university community and funded by ULiège

72



students with 'committed' status in 2023-24

3.2 2023-2024 ACHIEVEMENTS



CREATION OF THE «ULIÈGE COMMITTED AND RESPONSIBLE STUDENT» STATUS

This new status recognises students involved in politics, NGOs, associations or as elected representatives at ULiège. It recognises their personal commitment and the responsibilities they take on, and can be promoted to future employers. Committed students benefit from personalised support, with an academic tutor to help them achieve their objectives and a coordinator to deal with administrative and logistical aspects. Students can also obtain adjustments to their teaching activities, assessment and examination procedures and timetables, as well as personalised support in their working methods and time management. In 2023-24, this status was granted to 72 students.



MORE INFORMATION



CREATION OF A CALL FOR SOCIAL AND ENVIRONMENTAL TRANSITION PROJECTS

Since 2023, ULiège's Sustainable Development Unit has launched two calls per year, in May and October, to provide financial support for actions and initiatives which promote the Institution's ambitions for social and environmental transformation. This financial aid enables ULiège to support members of its community (students and/or staff) in carrying out eco-responsible and/or socially-oriented projects, particularly those with an inclusive dimension, and which have an impact on our campuses. In 2023-24, 14 projects were supported in this way.



FIND THE LIST OF WINNERS AND INFORMATION ON THESE CALLS HERE





RÊVE GÉNÉRAL FESTIVAL: ART, SCIENCE & DEMOCRACY

The Rêve Général Festival: Art, Science & Democracy took place from 2nd to 28th April 2024 on the Sart Tilman campus. Nearly 200 activities (master classes, conferences, workshops, shows, screenings, exhibitions) were set up and were enjoyed by over 13,000 participants, including 7,200 members of the ULiège community. The Festival was organised by ULiège, Arsenic2 and the Centre d'Action Laïque de la Province de Liège, in collaboration with no fewer than 120 partners. The aim was clearly stated: to put on an ambitious programme of events that would fit in with and support different courses during the day and open up the University in the evenings and at weekends to a wide range of audiences, focusing on social issues, such as food, health, environment, climate, migration, gender issues and social inequalities. The Festival opened with a lecture by Aurélien Barrau, who was also awarded an honorary doctorate from the University of Liège.

The themes addressed in his lecture ranged from the role of universities in the necessary ecological transition to how to reinvent decision-making and democratic mechanisms to respond effectively to the consequences of climate change, the collapse of biodiversity and the socio-economic consequences for human beings.

By mobilising a diversity of viewpoints, experiences and sensibilities, the Rêve Général festival certainly helped to place the University at the heart of the city and of today's challenges. It nurtured and strengthened the courses offered by the institution's various faculties and acted as a multidisciplinary incubator for thinking differently about the world, highlighting the One Health approach in particular and imagining desirable transitions.

🕒 Pierre Ozer, pozer@uliege.be





THE GREEN OFFICE'S CLIMATE FORTNIGHT

The Climate Fortnight, organised from 27th November to 8th December 2023 to coincide with COP 28, brought together the entire university community under the slogan «Understanding in order to act». The event aimed to raise awareness of climate issues by combining scientific rigour with concrete action. Prepared in collaboration with teachers, scientific experts, committed students and numerous partners, this fortnight offered 36 events spread over the four ULiège campuses. Participants were able to discover the scientific data in the IPCC reports at lectures, understand the links between agriculture, food and climate, and explore the consequences of climate change in the countries of the South at a debate on the 'Great Green Wall'. The event also offered practical workshops to encourage individual and collective action, and master classes to welcome external experts for lectures.

Highlights included a calculation of an individual's carbon footprint, workshops on responsible consumption



(second-hand clothes sales, buying food locally), and a debate to demystify false beliefs about the climate, with the participation of climatology and journalism students. The fortnight also highlighted the psychological reasons for inaction in the face of the ecological crisis, with a conference by the collective «Pour Un Réveil Écologique» (For an Ecological Awakening). Finally, film screenings, such as Camille Étienne's «Pourquoi on se bat» (Why we are fighting), followed by discussions with activists, explored civic engagement and activism, encouraging the community to become agents of change.

It was a huge success, and is set to become a recurring event!



THE UNI FOR CHANGE GREEN OFFICE PLATFORM

In 2024, the ULiège Green Office developed and launched the «UNI for Change» collaborative platform. This platform, supported by the Walloon Region and the King Baudouin Foundation, offers a variety of concrete and engaging actions, enabling everyone, students and staff alike, to get involved according to their affinities. It creates a genuine community of action, strengthening the sense of belonging and bringing together those involved in the social and environmental transition within the University. What's more, lecturers are invited to incorporate actions linked to the transition into their courses, thereby contributing to committed and practical learning. The official inauguration took place on 19th April 2024 in the presence of Princess Esmeralda of Belgium, Prof Jean-Pascal van Ypersele (IPCC) and Runa Khan (founder of the NGO Friendship), who gave an

inspiring talk on resilience in Bangladesh. The impact was immediate, with over 500 downloads of the application in just two days. The first objective was to multiply ULiège's involvement by increasing participation in activities. In the longer term, the platform will be made available to other higher education establishments, as part of a collaborative approach to the social and environmental transition. This initiative has already won awards in **Belgian and international competitions**. The influence of this emblematic project is supported by numerous partnerships (internal and external scientific experts, S'Lab, Venture Lab, Eclasio, LabSet, IFRES, Jane Goodall Institute, ARES Sustainable Development Commission, Rotary, Agence Universitaire de la Francophonie).



THE LATEST FROM THE NGO ECLOSIO

Located at the intersection of the university community and civil society, Eclasio, the University of Liège's NGO, aims to promote the agro-ecological transition, foster the socio-economic integration of vulnerable populations and encourage civic commitment in the face of societal and climate challenges. For 2023-24, we are highlighting three actions that are making a significant contribution to the social and environmental transition.



Campus in Action Project: an inter-university exchange to raise awareness of the links between racism and ecology

Over a weekend in November 2023, the project brought together 30 students from UMONS and Uni4Coop, a consortium of French-speaking Belgian university NGOs (including the ULiège NGO Eclasio), to gain a better understanding of the common issues linked to racism and ecology, and more specifically to decolonial ecology. The discussions helped to identify ways of getting involved and mobilising in the face of these systemic issues. Participatory methodologies and educational tools, such as the survey of the book 'L'écologie pirate' by Fatima Ouassak and the docu-debate 'Décolonisons l'écologie' with Doha Diallo (president of the ADEV association and coordinator of OVO in Senegal) helped to mobilise and involve students through collective reflection, as well as workshops led by Francine Beya and Brenda Obimba.



Continuing education: «Understanding and managing the human dimensions of sustainable development change projects»

From September to December 2023, Eclasio and the University of Liège organised the second edition of this continuing education course, funded by ARES. It brought together 12 participants from several different countries: Benin, Burkina Faso, Guinea, Madagascar, the Democratic Republic of Congo, Cameroon, Niger and Senegal. The training aims to support the development of the skills of professionals who manage, steer and support sustainable development projects, by drawing on the human and social sciences. The training is part of an approach based on sharing knowledge and working together to find solutions. This year, the topics covered included the involvement of women in restoring ecosystems, managing natural resources and promoting sustainable and resilient food systems; agro-ecological production; social cohesion and resilience of communities and grassroots organisations; the social and economic inclusion of people with disabilities; networking for nutrition, health and food safety (One Health); the fight against cysticercosis in Madagascar and the introduction of credit systems within agricultural sectors.



Fagaru Project

The «Network for Nutrition and Health in Senegal» (FAGARU) project, to be implemented between 2021 and 2025 as part of the One Health approach, aims to improve the food situation, particularly for women and children, by connecting health, nutrition and agriculture stakeholders so that they can share their knowledge, skills and experience. The project involves two Belgian universities: ULiège (Nicolas-Antoine Moussiaux, Faculty of Veterinary Medicine) and ULB (Philippe Doonen - School of Public Health), two research institutes in Senegal (IRESSEF and ISRA), five students and one doctoral student. In 2023, it led to a number of practical applications, including the creation of farmers' training fields for high-nutritional-value crops grown using agroecology, and a system of village granaries to store the produce from these fields.





LIEGE CREATIVE AT THE SERVICE OF THE TRANSITION

The programme for Forum Liège Creative's 13th season highlighted a number of developments in favour of a successful ecological and social transition. This theme has become increasingly important over the years, in line with the concerns expressed by the programming committees and the orientation of a large body of research towards meeting today's challenges. In all, some thirty conference meetings were held in 2023-24 on topics related to sustainable development, in all fields: food, energy, health, construction, the water sector, urban planning, mobility, the economy, etc. For each of the subjects raised, the point of view of a researcher was systematically put into perspective with the practices of a player in the field to decompartmentalise approaches and stimulate synergies around these essential challenges, whether technological or societal. We should also mention the organisation of a 2 tonnes workshop, a Corporate Social Responsibility (CSR) Fresco workshop, as well as a Test&Value collective intelligence workshop (which enables researchers to confront their entrepreneurial projects with a relevant target audience) dedicated to a new digital sustainability management tool for SMEs. Liège Creative has always been driven by a logic of partnership, and throughout the season it joined forces with a number of players from ULiège and the surrounding area who are committed to the transition process.

Of the 47 conference meetings (including 3 workshops) organised this season, 30 dealt with themes related to sustainable development. These 30 events attracted 1,409 participants and involved 90 speakers, including 33 from ULiège.



RÊVONS LIÈGE 2030 DRAWS TO A CLOSE

The «Rêvons Liège 2030» project, run jointly by the Théâtre de Liège and the University of Liège, aims to develop new narratives in favour of a resilient society by drawing on the diversity and interaction of its components to co-construct, with all the stakeholders (academic and entrepreneurial world, associative and artistic circles, citizens), the vision of a sustainable and desirable future in Liège in 2030. An inspiring example of collaboration between the arts and sciences, it shows that imagination and co-creation are powerful tools for meeting the challenges of climate change and ecological transition.

Since its launch, the project has brought together more than 600 participants at around ten events. The evenings combine two moments: an inspiring sharing by artists and experts on the challenges of the theme being addressed, followed by a breakdown into collective dream workshops where participants exchange, in small groups, on a new, decompartmentalised way of building an ideal city in 2030 through poetic and innovative stories.

The last Rêvons Liège assembly was held in June 2024. The team has since devoted time to analysing the ideas, projects and utopias for the final project manifesto, presented on 16th December 2024 at the final celebratory evening at the Théâtre de Liège.



LUXEMBOURG CREATIVE LOW-TECH HACKATHON

In collaboration with the two Hautes Écoles of the Province of Luxembourg (Henallux and Hers), ULiège Campus d'Arlon and its LUXEMBOURG CREATIVE forum organised a 27-hour hackathon at the end of April 2024. In partnership with the town of Arlon, the aim of this challenge was to get participants to rethink the citizen space of the urban site known as the 'Milan block' using a low-tech approach, while re-thinking the space to make it more resilient. To launch the event, LUXEMBOURG CREATIVE organised a conference, open to the citizens of the province, hosted by Professor Jean-Pierre Raskin of the École Polytechnique de Louvain and Clément Gaillard (author of *L'anthologie des Low Tech*), entitled «*Du techno solutionnisme à la techno sagesse, la Low Tech comme un pont entre deux mondes*» («From techno solutionism to techno wisdom, Low Tech as a bridge between two worlds»). Taking advantage of the presence of Clément Gaillard, doctor, urban planner and bioclimatic designer, a B2B event was organised the following day for professionals working in the construction industry (urban planners, architects, designers, builders, etc.). The aim was to show how to use the various climatic expertises to serve construction from both a meta perspective (cities) and a more macro perspective (room design).



CALL FOR «OPEN SCIENCE, ART & CULTURE» PROJECTS FROM THE MAISON DES SCIENCES DE L'HOMME

The ULiège's *Maison des Sciences de l'Homme* (MSH-ULiège) offers citizens and researchers a space for reflection and debate, where knowledge can be shared, exchanged and enriched. To do this, it has three areas of activity: events, research and publications. The organisation provides targeted, innovative support for various knowledge mediation initiatives and processes. In December 2023, it launched a second call for «Open Science, Art & Culture» projects (projects selected to start in autumn 2024). Twenty-eight projects were submitted (6 selected), within two instruments: Cross-expertise laboratory (max €2,500 in justified running costs) and unprecedented experience-sharing project (max €5,000 in justified running costs). The aim of this call for proposals was to encourage research or knowledge-sharing processes based on collaboration with the outside world.

The projects supported in this way share a common aim: to work towards a more cohesive society, attentive to the well-being, inclusion and respect of all its members: women (the «casseuses d'ambiance» project (mood breakers)); teenagers faced with the issue of loss, suicide and bereavement (the «sweet sixteen» project); people who are ill (the «Enquête : devenir adulte» project). In terms of commitment to the environmental transition, a number of the projects selected deal with debates on these issues («futurs radieux» and «seedgraphy» projects).



RÉJOUISCENCES FOR SUSTAINABILITY AND TRANSITION

The *Réjouissances* programme addresses sustainability and transition either as a central theme or as a cross-cutting concern. In terms of topics covered, for 2023-24 we can mention the «climate mornings» (presentations by students aimed at schoolchildren, coordinated by Guy Munhoven), the '*Printemps des Sciences*', whose theme for 2024 was '*Terre Rare*' (around a hundred activities for schools and the general public organised by lecturers, researchers and students from the University of Liège and the *Hautes Écoles*, as well as external partners), the 'Lichen go' participatory science project (run at inter-university level as part of the Sciences.be network), and World Oceans Day (coordinated with the Aquarium-Muséum, the *Maison de la Science*, oceanographers and oceanologists). With a view to setting an example, *Réjouissances* projects are intended to be not only inclusive, but also eco-responsible. They contribute to the dissemination of knowledge, are gender-sensitive and are free and open to as many people as possible (general public, schools). At the same time, *Réjouissances* chooses to consume responsibly by reducing its use of single use items as much as possible, favouring re-use (cups, roll-ups), buying locally (using Liège-based suppliers), discouraging the use of goodies, etc.





4

Campuses committed to social and environmental transition

4.1. Findings and Strategic Objectives	p.33
4.2. 2023-2024 Achievements	p.34
4.3. Future Projects	p.43

4.1. FINDINGS AND STRATEGIC OBJECTIVES

Like any organisation, the University can integrate sustainability into its management choices and thus contribute to the social and environmental transition. In doing so, it anticipates future challenges and strengthens its resilience. ULiège is already making significant efforts to make its actions more sustainable, particularly in the areas of energy, waste, green spaces and mobility, as well as in its diversity and inclusion policies. In line with its progress in research and teaching, it now aims to better clarify and formalise its objectives by tackling issues in a more integrated and coherent way. It intends to promote a genuine internal culture of sustainability. This means adopting an eco-responsible and ethical approach to all the institution's operations, putting sobriety and ethics at the heart of its operational choices, making the transition everyone's business and adopting a systemic approach that integrates these values into all aspects of university life. It hopes to seize the opportunity to transform its campuses into genuine laboratories for social and environmental transition, offering an inspiring model for its community and extending its influence beyond.

KEY FIGURES

83,5 k tCO₂e

the institution's estimated
carbon footprint in 2022

> 477 600 km

number of km cycled
by staff in 2023

Nearly 150

items repaired by the Repair Café at Sart
Tilman between its opening in October 2023
and August 2024

4.2 2023-2024 ACHIEVEMENTS

ENVIRONMENT

With a view to reducing the environmental footprint of its activities, ULiège undertook a number of projects in the 2023-24 academic year to reduce the carbon impact of its financial investments, reduce energy consumption, encourage soft mobility, manage its green spaces in an eco-responsible manner, reduce waste and promote sustainable food in its canteens.



THE INSTITUTION'S CARBON FOOTPRINT IN 2022

In 2023-24, the University compared its carbon footprint in 2022 with that for 2019: this shows a change from 94.5 kilo tonnes of CO₂¹ equivalent (k t CO₂e) in 2019 to 83.5 k t CO₂e in 2022. The main sources of emissions remain the same: purchases (over 50%), mobility (around 25%) and energy (18%). The apparent reduction² of ~12% between 2019 and 2022 is mainly due to the reduction in purchasing. In 2022, the impact of the university's investments - which are added to its activities - has also been calculated, with a total of 90.4 k t CO₂e. This carbon footprint now guides strategic decisions, particularly in the areas of international mobility, home-campus

mobility, purchasing and energy, while explicitly targeting less carbon-intensive sectors for investments, as set out in our charter on financial investments.

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¹ unit created by the IPCC, a measure used to quantify greenhouse gas (GHG) emissions, which allows different GHGs to be compared and added together by reducing them to the same reference unit: that of carbon dioxide (CO₂), the main gas responsible for global warming.

² The reduction in emissions between these two reference dates must be assessed with caution, given the uncertainty inherent in the quality of the data and the GHG Protocol calculation methodology. The uncertainty assessed for the carbon balance for each year is significant (~50%) and varies greatly from one category of emissions to another (low for energy, high for purchases or investments, for example): it is linked to the uncertainties associated with the emission factors.



UPDATE OF THE INFRASTRUCTURE STRATEGIC PLAN

The updated Strategic Infrastructure Plan was approved by the Board of Directors in March 2024. This new version reinforces the integration of sustainability criteria in the implementation of major infrastructure projects. The plan also encourages the use of renewable and existing resources and energies, such as infrastructure renovation, reuse and recycling, while limiting unnecessary finishes. It also aims to make optimum use of residual resources and energy.

🕒 Anne-Françoise Marique, afmarique@uliege.be



ENERGY RENOVATION OF THE INSTITUTE OF ZOOLOGY

To reduce its energy consumption, the Institute of Zoology, a building constructed in the 1880s and renovated in the 1950s, has been undergoing major works since 2023-24. The work involves the renovation and thermal insulation of the roofs, as well as the installation of photovoltaic panels. The windows have been renovated or replaced, the boilers replaced and the electrical system brought up to standard. The aim is to improve energy efficiency and modernise the infrastructure of this historic building.

 [MORE INFORMATION](#)

Five other energy renovation projects, partly funded by the NextGeneration EU recovery plan, are currently under way in buildings B24, B6b, B15, A2-Amphi and B39F.





TOWARDS DIGITAL RESPONSIBILITY

ULiège has set up responsible digital governance under the leadership of the Rector's advisor for Digital Sobriety. Since signing the Responsible Digital Charter in 2022 and becoming an institutional member of the Institute of Sustainable Information Technology (ISIT), the Responsible Digital Steering Committee has defined principles for a sober, ethical and inclusive digital environment. The projects include a public procurement contract for material refurbishment, a guide to good practice, ISIT training, the monitoring of indicators and the management of IT equipment with an internal circuit for monitoring the lifecycle of this equipment. This extends the lifespan of the equipment, makes it accessible to everyone and creates jobs for students via a user helpdesk.

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FINANCE: UPDATING THE FINANCIAL INVESTMENT POLICY WITH REGARD TO SUSTAINABILITY

In 2017, the University of Liège made a commitment to gradually reduce its investments in fossil fuels by ceasing to invest in sectors such as oil, coal and natural gas. This decision marked a key step towards an energy transition and more responsible financial management.

In 2023, the university strengthened this approach by adopting a portfolio analysis tool based on ESG (environmental, social and governance) criteria. This tool makes it possible to more precisely monitor the composition and performance of investments according to these criteria. Based on these analyses, ULiège updated its financial policy in 2024, setting even more ethical and ambitious investment objectives for the future.

 MORE INFORMATION



REDUCING WASTE

ULiège is focusing on reducing waste through sustainable purchasing and strengthening the Zero Waste dynamic, particularly in the food sector. The promotion of reuse is encouraged through mechanisms such as donation sites, the reuse of furniture and the Repair café at Sart Tilman (a Repair café is also being set up at Gembloux). To facilitate recycling, sorting islands are gradually being installed on the various campuses. For example, in 2024, the 20-Août buildings were fully equipped for recycling and organic waste collection is starting to be organised in the university restaurants, such as at B62. Pilot experiments are also being carried out in certain faculties or laboratories before being extended to the whole community.

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CIRCULAR ECONOMY: REPAIR CAFÉ

In October 2023, a Repair café opened on the Sart Tilman campus to extend the life of electronic and household appliances belonging to members of the ULiège community. It also offers users training to enable them to carry out repairs themselves. In its first year of operation, 149 items were repaired (45%), 11% were repairable and 29% are awaiting repair. Only 15% of the items were beyond repair. The items brought in were mainly small household electrical appliances (30%), laptops (29%), electronic devices (18%), smartphones (11%), electrical appliances (8%) and printers (2%). The majority of users were ULiège students (43%) and staff (52%), but the Repair café is also open to the province's other higher education institutions.

📍 B8 - L'Agora 1

📧 Fabian Esposito : repair.cafe@uliege.be





TOWARDS AN «ENERGY COMMUNITY» AT THE LIÈGE SCIENCE PARK

The Liège Science Park, the first Walloon industrial park to commit to an “Energy Community», brings together 21 high-tech companies and the University of Liège. Together, they aim to share electricity, electromobility and heat between 35 buildings over 100 hectares, in an innovative and sustainable approach. Co-managed by SPI and ULiège, the project will function as a «living lab» where companies and researchers work together to innovate in the field of sustainable energy. Since 2021, the «Energy Community» working group has been coordinated by the RISE-ULiège department (ULiège’s Research, Innovation, Support and Enterprise department).

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MOBILITY: IMPROVING INFRASTRUCTURE FOR MORE SUSTAINABLE EVERYDAY MOBILITY

ULiège has opened eight new secure locations for parking bikes and scooters on the Sart Tilman campus, adding to the 600 spaces already available on other sites. The €1m project, funded by the University, includes fenced areas and shelters with access via badge, lighting, cameras and recharging points. Finally, pedestrian and cycle paths are being renovated to encourage active mobility between neighbourhoods [in blue on [this map](#)].

In addition to these initiatives, the university is also involved in mobility projects run by the TEC (construction of Busway stops on the Sart Tilman campus), the SPW (definition of cycle routes crossing the Sart Tilman campus) and the communes of Liège and Gembloux (parking plan) in particular.

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BIODIVERSITY: FINALISATION OF THE STUDY OF ECOLOGICAL CORRIDORS AT SART TILMAN

ULiège's Real Estate Administration (*Administration des Ressources Immobilières* (ARI)) is working with the Nature and Forests Department to manage the green heritage of the Sart Tilman campus. A study of **ecological connections** has been suggested to improve the campus development plan. This mapping of biodiversity zones and ecological corridors will enable the ARI to redirect the land use plan by protecting and restoring these areas, including through ecological compensation. The study, conducted by Professors Grégory Mahy and Marc Dufrêne of the Faculty of Gembloux Agro-Bio Tech, includes habitat mapping and inventories of key species.

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MORE INFORMATION



FOOD: INCREASE THE PROPORTION OF LOCAL, SEASONAL FOOD AND RAISE AWARENESS

ULiège attaches great importance to healthy, sustainable and affordable food for its students and staff. Since 2022, it has also been a member of the Liège Métropole Food Policy Council (CPA), co-sponsored by the CATL and Liège Métropole (*Conférence des Bourgmestres de l'Arrondissement de Liège*), which aims to intensify the transition to a resilient, sustainable and inclusive food system in the city and to facilitate exchanges and coordination between sustainable food stakeholders. Concrete actions are being put in place, such as sourcing local, seasonal and organic produce, greening meals, reducing disposable packaging and combating waste through 'flash sales'. Over €1,000,000 is invested annually to ensure affordable prices. Awareness campaigns, in collaboration with partners such as the Nourrir Liège Festival, encourage sustainable food choices. A working group bringing together the Fédé and experts is discussing how to improve supply and raise awareness through a variety of initiatives. At the first meeting, Christian Jonet from **Ceinture Alimen-Terre Liégeoise** (CATL) discussed the agricultural and environmental challenges of intensive food production.

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KEY FIGURES

76.7/100

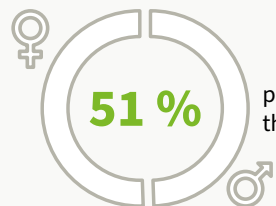
score awarded by the THE Impact rankings
2024 for SDG 3 «good health and well-being»

94.2/100

score awarded by QS ranking reflecting
the existence of health and well-being services
on campus or in the local community

Confidential advisors on the staff
(an increase of 47% on the previous year)

13



proportion of women working at
the University of Liège

SOCIAL

Our commitment to sustainability also extends to social issues. In the interests of social justice and quality of life, ULiège has carried out a number of projects to ensure that members of its community are welcomed and cared for, whether by adapting its campuses to improve accessibility for people with disabilities, setting up workshops to combat harassment or welcoming researchers at risk.

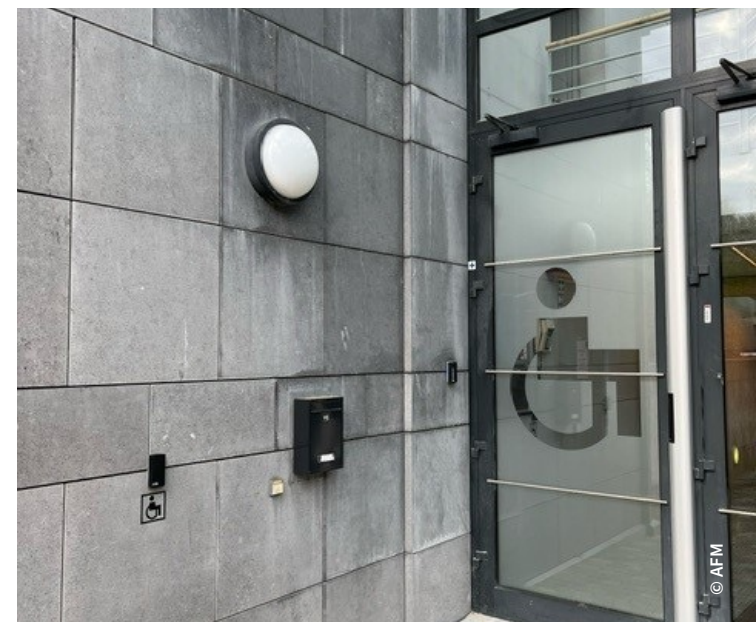


ACCESSIBILITY FOR PEOPLE WITH DISABILITIES: WORK ON THE “AMPHITHÉÂTRES DE L’EUROPE”

The adaptation work to improve accessibility for people with disabilities in building B4 (“amphi de l’Europe”), partly funded by a grant from ARES, was completed in 2024. This work, carried out in a building that is very popular for its lecture theatres, classrooms and various events, included the creation of parking spaces for people with disabilities, a complete overhaul of the west access (including a ramp, new flooring and rest areas), the installation of door closers and the adaptation of the sanitary facilities.



MORE INFORMATION





HOSPITABLE UNIVERSITY

Following ULiège's 2022 adoption of the «ULiège, Hospitable University» declaration of principles, the institution is reaffirming its commitment to welcoming and integrating students and researchers fleeing conflicts or threats in their countries. In response to an appeal launched in March 2023, more than twenty refugee students and researchers have already been supported. A working group chaired by the Vice-Rector for Mobility and International Affairs, Pierre Duysinx, was set up and on 21st November 2023 ULiège joined the «Scholars at Risk» section of the Wallonia-Brussels Federation.

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CREATION AND DISTRIBUTION OF THE VIOLENTOMÈTRE BY THE GENDER AND EQUALITY COUNCIL

In 2024, the *Conseil Genre et Égalité* (CGE) (Gender and Equality Council) created a tool called *violentomètre* ("abuse scale") to raise awareness of sexist and sexual violence and harassment. This prevention tool helps people to recognise unhealthy situations in personal, professional or educational relationships. It aims to raise awareness among those affected and those who witness it, while transforming the working environment to foster collaboration and caring.

The violentomètre is available on the University website, from the Students' Federation (Fédé) and/or can be ordered from the CGE for distribution at events.

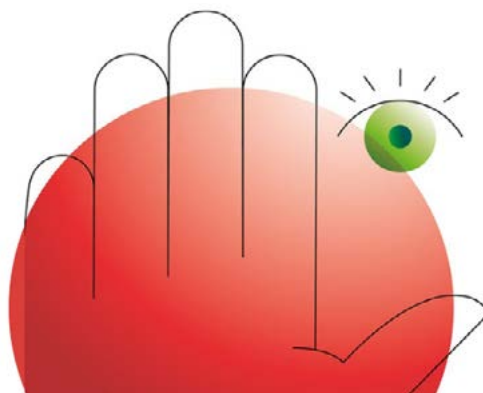
① bbomans@uliege.be



RAISING AWARENESS ABOUT LISTENING TO VICTIMS OF HARASSMENT

As part of its "J'agis pour me sentir bien" («I'm taking action to feel good») campaign, at the start of the 2023-24 academic year, the Student Quality of Life Service organised an activity to *raise awareness* about the problem of harassment and how to listen to victims. This workshop is aimed at anyone who can act as a resource in the event of harassment, as well as those who may have found themselves at a loss when faced with someone who has been through a difficult experience. The aim of this activity was to help them acquire the right reflexes to take concrete action and make a real difference.

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RAISING AWARENESS AND PREVENTING LGBTQIA+PHOBIA

Various actions in support of the LGBTQIA+ community were carried out on the Gembloux and Liège campuses. At Gembloux, the Collectif Zherot was particularly active. Rainbow flags were raised on all four campuses, and several events took place, including debates, a show entitled '*Chose*', articles in *Le Quinzième Jour* newspaper, awareness-raising by the Student Quality of Life Service, and collaboration with associations for conferences and projects such as '*Unique en son genre*'. These initiatives show that ULiège wants to be an inclusive and caring space for everyone, regardless of sexual orientation, gender identity or gender expression.

The highlight of 2023-24 was ULiège's participation in the Liège Pride Parade on 24th August 2024. Its participation in this event also aimed to inform the public about ULiège's inclusion, equality and diversity policies, and to explicitly support the rights of LGBTQIA+ people. The Rector received the Best Ally Award at the Liège Rainbow House, presented by the non-profit association organising Liège Pride.



4.3 FUTURE PROJECTS

ENVIRONMENT

In terms of reducing the environmental impact of its activities, ULiège plans to raise its ambitions in terms of low-emission mobility internationally, to continue the energy renovation of its buildings, to co-manage green spaces with local communities, to improve its waste management, to further encourage active daily mobility and to continue its efforts in terms of a sustainable food policy.



FOOD: SUSTAINABLE CANTEENS

ULiège's university canteens are aiming for the Walloon Region's 'Sustainable Canteen' Green Deal certification (1 radish in 2025, 2 radishes in 2027). To achieve this, they intend to intensify the actions they have put in place to promote more local, healthier and environmentally-friendly food, while combating food waste.



CONSTRUCTION AND RENOVATION OF 100 QUALITY STUDENT ACCOMMODATION UNITS FOR GEMBOUX AGRO-BIO TECH

At the end of 2023, the Walloon Government granted €5.86 million to build and renovate 100 public student accommodation units on the Gembloux campus. Work is due to start in early 2026 and be completed in summer 2028. The project will increase the capacity of the campus from 123 to 145 low-cost accommodation units, some of which will be accessible to people with reduced mobility. This initiative will give the student community access to more quality accommodation at affordable prices, while complying with the highest environmental standards.



MORE INFORMATION



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CREATION OF A SUSTAINABLE AND INCLUSIVE COMMUNITY VEGETABLE GARDEN AND ORCHARD AT THE FACULTY OF GEMBOUX AGRO-BIO TECH

The Faculty of Gembloux Agro-Bio Tech Urban Agriculture Research Centre, in collaboration with the town of Gembloux, the company Green Surf, and with the support of the Walloon Region, will shortly be launching an agri-educational project. The aim of the project is to transform two brownfield sites on the WASABI site into a 1,600 m² vegetable garden and a 2,800 m² orchard, co-created and co-managed by local residents, students, researchers, faculty staff, local nature development plans and local associations. Workshops and community events will be organised to teach sustainable gardening techniques, and special facilities will facilitate access for people with reduced mobility.



MOBILITY: UPDATING POLICY AND IMPROVING INFRASTRUCTURE

Defined in 2020, the daily mobility policy and its action plan, the aim of which is to support the transition to more sustainable mobility, will be updated at the end of 2024 on the basis, in particular, of the data collected from ULiège members (ULiège Pedestrian Barometer in 2023), the «bicycle/scooter» survey at Gembloux Agro Bio-Tech in 2024 and the survey of home-campus travel conducted every 3 years (2017, 2021 and 2024).

Efforts to improve infrastructure and encourage active mobility will continue on all ULiège campuses, with the planned renovation/creation of paths (Sart Tilman) and the installation of new secure bicycle parking facilities on the Arlon, Gembloux and Liège campuses and sites (Constitution, Pitteurs, Polytech and Vallée). ULiège received a grant of €112,000 to install 9 bike shelters, 33 bicycle racks, 10 bicycle boxes and 11 self-repair stations.

SOCIAL

In terms of welcoming and caring social practices, ULiège plans to formalise its equality and scientific integrity policy, improve its management of the mental health of members of its community, provide training on gender issues and diversify its projects for welcoming researchers and students at risk.



DRAWING UP A CHARTER OF ETHICS AND PROFESSIONAL CONDUCT

The institution wishes to clarify for the entire community (students and staff, whatever their status) the behaviour that is deemed acceptable or unacceptable in terms of interpersonal relations, management, scientific integrity, etc. The Rector's adviser on ethics and equality policies, Florence Caeymaex, with the help of the «Charter of Ethics and Deontology» working group, is currently working on a charter of ethics and deontology, which will apply to the entire university community and should come into force in September 2026.



UNIVERSITY HOSPITAL: NEW INTEGRATION PROGRAMMES

Since 2016, the University of Liège has put in place measures to integrate refugee students into higher education, including free French lessons and entrance exams.

From the start of the 2024-2025 academic year, two major pilot projects were launched: Access2ULiège and EU Passworld to Belgium.

Access2ULiège will provide support for students already in Belgium: it will offer one-year support with an individual adviser, intensive French courses, courses in the faculty, as well as support from 'buddies' to facilitate their academic and social integration with a view to registering as a bachelor student the following year.

Funded by the European Fund for Asylum, Migration and Integration, the **EU-Passworld** project aims to offer talented refugees safe and legal access to higher education in a third country.





COMBATING SEXUAL HARASSMENT AND VIOLENCE: “WHITE NOVEMBER”

The Gender and Equality Council organised «White November» in November 2024, with a major event on 25th November. This institutional day was dedicated to the fight against harassment and sexist and sexual violence. ULiège’s support services and key figures were presented. Bérénice Hamidi, a professor specialising in performing arts policies and actively involved in the fight against gender-based and sexual violence, gave a talk, and the Rector closed the day with an inspiring speech to reaffirm ULiège’s commitment.



GENDER-RELATED INITIATIVES

The University of Liège is launching a series of training courses on gender bias, deconstructing stereotypes and gender-based violence. By making a firm commitment to combatting gender-based and sexual violence, the University is aiming to bring about a profound cultural transformation in its practices and operations. To support this change, appropriate training will be offered: online training for the entire University community, and recommended training for students, front-line staff and managers.

In addition, the University of Liège, with the support of its Gender and Equality Council, is launching an initiative to feminise the names of classrooms. The aim of this initiative is to promote gender equality, increase the visibility of women in the public arena and support inclusion. By reinstating forgotten female figures, the initiative is helping to strengthen women’s sense of legitimacy within the institution.



RAISING AWARENESS OF MENTAL HEALTH AMONG PEERS

The Student Quality of Life Service is currently working on creating a peer-to-peer first aid awareness course on mental health for the 2024-25 academic year. The aim of this training is to understand what mental health is, to provide information on the most common emotional disorders among students, to welcome students who are not feeling well, to know how to listen to them and to refer them to the appropriate help.





5

Clearer governance of the social and environmental transition

5.1. Findings and Strategic Objectives	p.50
5.2. 2023-2024 Achievements	p.52
5.3. Future Projects	p.54

5.1.

FINDINGS AND STRATEGIC OBJECTIVES

As with any large organisation, the University's commitment to social and environmental transition cannot be improvised. It needs to be coherently thought through and supported by an explicit governance framework.

The governance of transition, which is essential for defining and implementing sustainability policies, is facing challenges linked to the scope of its mission, which affects all the institution's activities, and to the need for many simultaneous changes. To manage these changes, ULiège already relies on advisory, strategic and operational **bodies** in which students, academic and scientific staff, administrative staff and external partners work together. This diversity guarantees collective ownership of the objectives.

However, by combining the analysis by the ranking companies and that of the «sustainability indicators»

working group set up by its Scientific Council on Sustainable Development, ULiège has realised that efforts need to be made to better coordinate the various policies relating to sustainability and to make them more explicit. It therefore intends to make progress in the governance of the social and environmental transition by speeding up the coordination of actions, better informing its community and responding more transparently to the expectations of its external stakeholders (including the bodies responsible for international rankings).

While the transition to sustainability is indeed at the heart of its Institutional Strategic Plan, ULiège wishes to put in place tools to set out commitments, actions and progress. It wants to make the transition a shared and inclusive project, by setting collective long-term objectives and entrusting various internal bodies with the task of ensuring that its ambitions are achieved.



KEY FIGURES

22

number of «Sustainability» contacts
in faculties and administrations

3

number of new sustainability and
transition officers

5.2 2023-2024 ACHIEVEMENTS

In terms of governance of the social and environmental transition, the University of Liège undertook several significant actions in the 2023-24 academic year. It hired a Sustainability Officer and set up a network of «sustainability relays» to facilitate the coordinated implementation of sustainability projects within the institution. Working Groups (WGs) were set up and administrative and technical departments were asked to participate in a sustainability diagnosis within the institution and in drawing up a Transition roadmap.



APPOINTMENT OF A SUSTAINABILITY OFFICER



In June 2023, ULiège hired Sophie Blain as its Sustainability Officer. She coordinates the Sustainability Unit (which also includes the Green Office) and is ULiège's key contact for sustainability issues, both internally and with partners. She is responsible for developing and monitoring ULiège's transition strategy, ensuring that the sustainability policies implemented are consistent, and guaranteeing continuity in the actions undertaken, as well as synergy between initiatives. Sophie Blain is also responsible for transition reporting, including the calculation of the institution's carbon footprint, the annual publication of the sustainability report and the institution's participation in the international rankings that assess our sustainability.

📧 Sophie.blain@uliege.be



THREE NEW SUSTAINABILITY-LINKED ROLES

The academic year ended with the recruitment of three new key contacts: a Digital Officer, a Gender and Equality Officer and an Inclusivity Coordinator for people with disabilities. These three posts are part of ULiège's drive to strengthen its governance in terms of social and environmental transition.



Manuel Dupont began his assignment as Digital Officer in September 2024. He is responsible for promoting sustainable digital practices at the University. His role involves integrating environmentally-friendly technologies and optimising the use of digital resources to reduce their ecological impact. He will also work to raise awareness among the University community of the challenges of responsible digital use, by encouraging the ethical and sustainable use of technologies.

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Bastien Bomans took up his position as Gender and Equality Officer in October 2024. Working with the Gender and Equality Council, he coordinates the strengthening of the University's policies on equality, diversity and inclusion. His role will include creating programmes and initiatives to promote an inclusive and fulfilling university environment for all, with a particular focus on gender issues. He will also raise awareness of these issues within the University community, reinforcing a culture of respect and fairness.

① bbomans@uliege.be



In September 2024, Damien Lo Presti became responsible for coordinating the implementation of the inclusivity policy for ULiège staff with disabilities. His tasks include making our campuses accessible to all and coordinating requests for adaptations to workstations. He is also working to better understand the needs of the people concerned and to promote a culture of inclusion and respect. By creating a more equitable environment, he is helping to ensure equal opportunities for all, so that everyone can achieve their full potential.

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SETTING UP NETWORKS OF SUSTAINABILITY & TRANSITION RELAYS

In addition to the sustainability units that had already formed spontaneously in some faculties (the Gembloux Campus Durable committee, the S'Lab at HEC Liège, the Climate Change and Sustainable Development group in the Faculty of Veterinary Medicine, the Faculty of Medicine's Sustainability Unit, Pot'Ingé, the Ecological Transition Alliance on the Arlon campus, etc.), a network of «Sustainability & Transition relays» was set up in 2024 within the various faculties and administrations of ULiège. This network plays an important role in mobilising resources and creating synergies between the various sustainability projects and programmes. The relays act as essential links for disseminating good practice, coordinating local initiatives and ensuring effective communication between the University's various entities, working closely with the Sustainability Unit.

It is still possible to apply to join this network. For more information, please contact the Sustainability Officer: sophie.blain@uliege.be



OVERVIEW OF SUSTAINABILITY AT ULIÈGE

At the initiative of the ARES Sustainable Development Commission and in support of the development of a Transition roadmap, it was essential to carry out an upstream assessment of the implementation of sustainability within the institution. To do this, the Sustainability Unit relied on objective figures derived from the calculation of the carbon footprint and assessments by sustainability ranking companies (THE Impact rankings and QS Sustainability ranking). These quantitative data have been supplemented by qualitative information derived from analysis of the PostMaster 2023 survey and self-assessments (based on an analysis grid adapted from CIRSES) carried out either by working groups on various sustainability-related themes, mandated for this purpose by the Scientific Council on Sustainable Development, or by the administrative and technical departments responsible for implementing and monitoring strategies in the field.



CREATION OF THE TRANSITION ROADMAP

In 2023-24, the Sustainability Officer, with the help of the Scientific Council for Sustainable Development, worked on drawing up a **Transition Roadmap** for ULiège. This is intended to reflect the institution's commitments to sustainability and transition. With a view to transforming the university into a model of sustainability, the roadmap is an essential step in aligning actions with the Institutional Strategic Plan, setting sustainability ambitions, complementing and raising the profile of other specific sustainability-related plans and policies, coordinating and enhancing the various initiatives and commitments already underway within the institution, and meeting the requirements of sustainability-related rankings. The roadmap is structured around 5 pillars: the university's three missions in relation to sustainability, exemplary operation of the campuses (with strong interaction with the administrations) and governance of the transition to ensure the monitoring of this action plan. To build this roadmap, Working Groups were mandated by ULiège's Scientific Council for Sustainable Development to propose ambitions and projects for each theme. These working groups have brought together various players from the University, enabling a collaborative and multidisciplinary approach to contributing to the development of this strategy. The departments concerned by the areas being tackled were also involved in these discussions and were able to make proposals. The roadmap structures the institution's current sustainability report and has also been used to rethink the structure of the **web portail ULiège durable**.

5.3 NEXT STEPS



DEVELOPMENT OF A TRANSITION MANAGEMENT TOOL

The creation of a steering tool for the university's social and environmental transition roadmap will enable sustainability initiatives to be better managed and coordinated. This tool will help to structure actions, monitor progress and ensure that objectives are achieved in a clear and measurable way. It will include a dashboard with precise indicators to visualise progress and adjust the strategy, if necessary, ensuring that management is flexible and adapted according to the results obtained.

6

Sustainability & Transition Dashboard

Since 2020, ULiège has had a dashboard, the aim of which is to monitor the institution's social and environmental transition strategy. It is built around the 5 pillars of the Transition Roadmap, and draws attention to the link with the Sustainable Development Goals. It therefore serves as a monitoring tool to ensure that the institution is making progress in its commitments towards more sustainable missions and operations.

Pillar	Objective	Sub-objective	Indicator	ODD	2019-2020 Data 2019	2020-2021 Data 2020	2021-2022 Data 2021	2022-2023 Data 2022	2023-2024 Data 2023
Research equipped to support the social and environmental transition (SET)	Develop transdisciplinary research on the issues related to the SET		# prizes at the HERA awards (doctorate and master)	 				4	3
Education adapted to the challenges of the SET	Train students to respond to the issues related to the SET	Generate demand for courses/programmes dedicated to or related to the SET	# courses dedicated to sustainability and/or the transition						109
			# courses linked to sustainability and/or the transition						227
Community services that meet the challenges of the SET	Position ULiège as a key player in the SET		# sustainable development network partners			3	7	8	8
	Promote individual and collective commitment among ULiège members to the SET		# funded SET projects led by the university community (total amount allocated)						9 (7926.14 €)
			# committed students					106	72
	Strengthen the effectiveness of ULiège's transmission belts that address SET issues		# participants in cultural and scientific events (Liège + Luxembourg Creative + Réjouissances + MSH)						2,414
			# knowledge dissemination/popular science events (Liège + Luxembourg Creative + Réjouissances + MSH)						59
			# ULiège researchers who presented at a knowledge dissemination/popular science event						45

Pillar	Objective	Sub-objective	Indicator	ODD	2019-2020 Data 2019	2020-2021 Data 2020	2021-2022 Data 2021	2022-2023 Data 2022	2023-2024 Data 2023
Campuses committed to the SET	Adopt eco-responsible practices in our management decisions	Financial investments: focus investments on sustainable products, avoid unsustainable products	% of investments in fossil fuels						0 %
		Purchasing: focus purchases on sustainable services/ products	% of calls for offers >140,000€ including a sustainable development clause (environmental, ethical or social): yearly average		44 %	40 %	35 %	33 %	41 %
			% of sustainable supplies purchased from the Lyreco catalogue			34 %	40 %	39 %	32 %
		Food: increase the proportion of healthy food, reduce the proportion of animal protein consumption	% of healthy hot meals sold (vegetarian)						47 % (10 %)
			% of vegetarian cold meals sold (sandwiches and salads)						9 %
		International mobility: reduce our air travel	# km travelled by plane by staff members		26,986,442 km			16,217,887 km (-40%)	20,250,665 km
			# km travelled by plane by our Erasmus students		6,908,172 km			4,465,609 km (-35%)	
			Amount of (voluntary) compensation for air travel						8 261 €
			# rooms equipped for videoconferencing						33
		Green spaces: ensure a balance between academic activities and biodiversity initiatives by preserving nature	Area of green spaces (forests, parks, agricultural land, built land) on Sart Tilman				642.8 ha		649 ha
			Area of developed land on Sart Tilman				63 ha		57 ha
			Area of land dedicated to biodiversity on Sart Tilman						583 ha
			Wooded areas available to the public on Sart Tilman				545 ha		528 ha
			Quality of nature on Sart Tilman					bon	
		Energy (reduce energy consumption, increase the share of renewable energies in the energy mix, strengthen our energy independence)	Total electricity consumption		43,082 MWh	40,376 MWh	42,359 MWh	47,164 MWh	42,147 MWh
			Self-produced (renewable source)		23 %	23 %	21 %	18 %	9 %
			Heat consumption		74,379 MWh	71,440 MWh	79,095 MWh	68,841 MWh	62,234 MWh
			Self-produced (renewable source)		48 %	52 %	43 %	62 %	41 %

Pillar	Objective	Sub-objective	Indicator	ODD	2019-2020 Data 2019	2020-2021 Data 2020	2021-2022 Data 2021	2022-2023 Data 2022	2023-2024 Data 2023
Campuses committed to the SET	Adopt eco-responsible practices in our management decisions	Daily mobility: reduce the carbon footprint associated with single-occupant car journeys between home and campus	Percentage of journeys by car (students + staff)				30 %		
			Percentage of journeys by car-sharing (students + staff)				9 %		
			Percentage of journeys by public transport (students + staff)				46 %		
			Percentage of journeys by bike (students + staff)				3 %		
			# cycled km reimbursed annually		256,802 km	182,694 km	233,614 km	465,014 km	477,637 km
		Waste management: reduce waste volumes, promote the circular economy	Total weight of common waste on campuses in Liège (excluding laboratories)		885 t	643 t	794 t	734 t	709 t
			% of waste recovered/recycled in Liège (excluding laboratories)		33 %	42 %	46 %	32 %	37 %
			# repair cafés					0	1
			# objects repaired by the repair cafés						149
		Water: reduce water consumption, preserve water quality, make water accessible	Total water consumption		291,422 m³	208,078 m³	217,498 m³	198,875 m³	150,274 m³
			Mixed industrial and domestic wastewater		139,160 m³	102,197 m³	137,383 m³	151,407 m³	
			Quality of streams				bonne	passable	bonne
			# water fountains on the mains network				59	46	
	Embed the principles of equality, inclusion and well-being in the daily lives of all members of the University community	Equality, Diversity, Inclusion: equal opportunities, specific support for vulnerable people	Percentage of the social budget allocated to student aid		4.8% (326k €)	7.8% (576k €)	6.9% (564k €)	7.2% (598k €)	7.2% (665k €)
			Percentage of the budget allocated to student housing		5.6% (379k €)	4.9% (360k €)	5.3% (433k €)	5.1% (422k €)	7.4% (682k €)
			Percentage of the social budget allocated to food aid for students		ND	ND	1,5 % (123k €)	6,9 % (839k €)	ND
			% (#) foreign students		23 % (5,941)	23 % (6,152)	24 % (6,807)	26 % (7,141)	24 % (6,471)
			% (#) registered students from developing countries		8 % (2,058)	9 % (2,419)	10 % (2,738)	11 % (3,166)	10 (2,638)

Pillar	Objective	Sub-objective	Indicator	ODD	2019-2020 Data 2019	2020-2021 Data 2020	2021-2022 Data 2021	2022-2023 Data 2022	2023-2024 Data 2023
Campuses committed to the SET	Embed the principles of equality, inclusion and well- being in the daily lives of all members of the University community	Equality, Diversity, Inclusion: equal opportunities, specific support for vulnerable people	% (#) of female students		58 % (14,675)	57 % (15,601)	58 % (16,517)	58 % (16,406)	59 % (15,628)
			% (#) of female doctoral students		46 % (1,024)	47 % (1,054)	48 % (1,087)	47 % (1,091)	48 % (1,106)
			% (#) of women among staff members “nommés” for the first time in their academic career		40 % (8)	30 % (8)	33 % (16)	46 % (11)	26 % (11)
			% (#) of female staff members		51 % (2,851)	51 % (2,831)	51 % (2,875)	51 % (2,909)	51 % (2,972)
			% of women on the rectoral team			20 %	22 %	38 %	38 %
		Institutional culture of respect (avoid violence and disrespectful behaviour)	# students who have attended training courses on the festive context						200
			# participants in activities organised by the Quality of Student Life service						2,139
		Well-being/quality of life: prevent psychosocial risks and respond appropriately when risks materialise	# confidential advisors		8	9	7	8	13
			# staff members who have benefited from informal psychosocial support		110	90	90	90	91
			# students who have benefited from psychological support from Student Affairs				306	313	247
			# mediations for student harassment					14	17
			% of long-term sick leave employees accepting our social service's support						71 %
			% of those on sick leave with mental health issues (burnout, exhaustion, major psychological difficulties) related or unrelated to work						59 %
			Absenteeism rate: % of staff members on sick leave for more than 6 months				1 %	1 %	1 %
			# internal staff transfers					24	24
			% of positive internal transfers, regarding career development/personal fulfilment					80 %	83 %
			# resignations (BO - fixed-term + permanent contracts)					84	70

Pillar	Objective	Sub-objective	Indicator	ODD	2019-2020 Data 2019	2020-2021 Data 2020	2021-2022 Data 2021	2022-2023 Data 2022	2023-2024 Data 2023
Clearer governance of the SET	Commitments: make ULiège's commitments to the SET explicit and visible		Scopes 1+2 of the carbon footprint		17,406 tCO ² éq			15,414 tCO ² éq	
			Scope 3 of the carbon footprint		77,122 tCO ² éq			68,098 tCO ² éq	
	Integrate the SET into university management, encourage collective ownership		# sustainable development relays in faculties and administrations						22

SUSTAINABLE DEVELOPMENT UNIT

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