



Palacký University
Olomouc



Sustainable
University

PALACKÝ UNIVERSITY OLOMOUC SUSTAINABILITY REPORT 2022

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SUSTAINABILITY AS PART OF THE UNIVERSITY STRATEGY

Palacký University Olomouc (hereinafter referred to as "UP") has completed the first year since the creation of the **Sustainable Development Strategy of Palacký University Olomouc** (hereinafter referred to as "SDS UP"), which came into force at the beginning of 2022 as part of priority objective No. 4: *Healthy, socially responsible and sustainable University* within the **Strategic Plan for UP Teaching, Publishing and Creative Activities for the period 2021+**.

SDS UP sets out the basic concept and foundation for sustainable development throughout the University. It addresses not only environmental, educational and social responsibility issues, but also health and healthy lifestyle in the broadest context. The unifying denominator here is critical thinking and, above all, open dialogue on all issues related to sustainable development. This is also why the University decided to prepare this document. In this context, the strategy builds primarily on the UN Sustainable Development Goals (hereinafter referred to as "SDGs"), the Green Deal for Europe, the Czech Republic 2030 and the Strategic Plan for UP Teaching, Publishing and Creative Activities for the period 2021+.

SDS UP articulates the vision and mission of UP with respect to sustainable development, defining three strategic pillars of sustainability in the University environment. Within these, it sets out the main objectives and key steps to achieve this strategy.

The action plan for the implementation of SDS UP for 2022-2023 is based on the objectives of SDS UP. It adopts only those measures that are supposed to be implemented in accordance with the strategy in this period, listing the guarantors of each measure and other relevant stakeholders. In addition, it also proposes possible sources of funding and defines indicators of the fulfilment of the strategic objectives.

SUSTAINABLE DEVELOPMENT GOALS 17 GOALS TO TRANSFORM OUR WORLD




SUSTAINABLE DEVELOPMENT GOALS

UN, 2022


SUSTAINABILITY AT UP IN 2022




approval of
SDS UP




launch of the CRP
Unilead project




Social Responsibility
Award of the President of
the Olomouc Region




analysis of mixed
municipal waste at UP




obtaining membership in
the Association of Social
Responsibility



CZK 900,000 from the UP
budget for sustainability
activities



546th place in the UI
Green Metric World
University Ranking




Organization of three
lectures on sustainability
and the climate crisis




201st-300th place in the
Times Higher Education
Impact Ranking



Establishing cooperation
with the Nextbike and
Eagle companies



Participation in three challenges
(Bike to Work, 10,000 steps a day,
Car-Free Day)



Purchase of one new electric car
(for the Accommodation and
Dining Facilities)

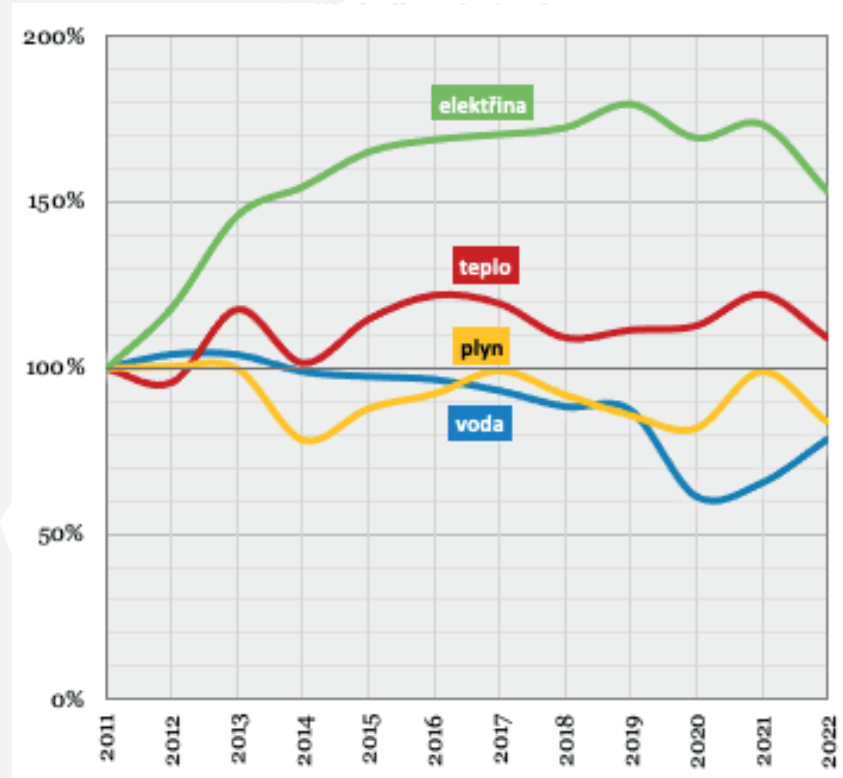
1. ENERGY

SDGs 3, 7, 9 and 11

An energy audit of the entire university was conducted over the period between September 2022 to April 2023. Its outputs will form the basis for the implementation of appropriate measures to reduce the energy consumption of buildings using sensors, SMART tools, etc. The audit also provided building energy performance certificates. The energy audit will also be respected in the case of projects, construction of new buildings and purchase of new equipment.

In 2022, UP consumed 147,303 m³ of water; 51,979 GJ of heat energy; 1,117,156 m³ of gas and 18,364,707 kWh of electricity. Table 1 and Graph 1 show that the consumption of heat and gas fluctuated over the last eight years, being somewhat surprisingly highest in 2021, when UP was affected by the covid-19 pandemic. Water consumption has been gradually decreasing since 2016. Even after bouncing back from a significant drop during the pandemic years, water consumption has maintained a downward trend. Electricity consumption has been declining since 2019. In 2022 it was the lowest in the last eight years, including the period affected by the pandemic.

Graph 1: Relative water and energy consumption between 2011-2022



Source: records of UP, 2022

Table 1: Water and energy consumption between 2015-2022

	2015	2016	2017	2018	2019	2020	2021	2022
water (m ³)	182 860	181 191	174 815	165 747	163 791	114 900	122 544	147 303
heating (GJ)	54 594	58 001	56 811	51 953	53 064	53 647	58 136	51 979
gas (m ³)	1 171 480	1 229 284	1 321 107	1 224 186	1 143 842	1 092 863	1 318 316	1 117 156
electricity (kWh)	19 772 705	20 208 016	20 400 364	20 644 308	21 492 401	20 265 950	20 771 961	18 364 707

Source: records of UP, 2022

2. WASTE AND THE CIRCULAR ECONOMY

SDGs 9, 11 and 12

In 2022, UP generated a total of 655 tonnes of waste, with 58 tonnes of paper (8.8%), 36 tonnes of plastic (5.5%) and 24 tonnes of glass (3.6%). The remainder (82%) was mixed municipal waste.

Graph 1 shows that the amount of plastic waste has been increasing since 2017 (the pandemic years 2020 and 2021 cannot be considered indicative). The amount of mixed waste in 2022 was the second highest in the last eight years. The share of each type of waste between 2016–2022 is shown in Figure 2.

Table 2 shows the distribution of different types of waste by site and building. These figures contributed to the decision of the University to organize a mixed municipal waste analysis, because 82% of mixed municipal waste was a value incompatible with the set strategy. As a result, adequate solutions and measures to reduce the amount of waste had to be adopted. The photograph below shows the proportions of the waste components from the physical waste analysis.

Table 2: Quantities of the four main components of waste at UP 2015–2022 (tonnes)

year	2015	2016	2017	2018	2019	2020	2021	2022
paper	52	51	50	55	74	80	67	58
plastic	31	29	25	30	35	30	29	36
glass	26	35	35	36	28	25	22	24
mixed	500	541	505	536	526	470	446	537

Source: records of UP, 2022

Physical waste analysis

On 29 November 2022, a physical analysis of waste from mixed municipal waste containers from all UP units was conducted, which revealed deficiencies in the waste separation at UP and contributed to suggestions for improvement. The total weight of the collected sample was 210.5 kg. All units of the university were represented. The waste that could no longer be used for further material recovery and could not be recycled amounted to 98.2 kg, i.e. 46.6% of waste. Components that could be used for further material recovery

accounted for, in contrast, 111.6 kg, which is 53% in percentage terms.

This result clearly shows that the University has the potential to increase the sorting rate of waste that is collected in the mixed municipal waste containers. Of the recoverable components, biodegradable waste had the highest representation in the sample, reaching 23.4%. Plastic waste accounted for 11.1% of the sample, paper represented 12.5%, glass 2.7%, metals 2%, beverage cartons 1.1%, e-waste 0.2% and textiles 0.1%. If the University managed to sort the biodegradable waste properly and remove it from the mixed municipal waste containers, the mixed municipal waste would be reduced by almost 25%.

Figure 2: Sample of mixed municipal waste weighing 210.5 kg, separated into different types of waste using physical waste analysis



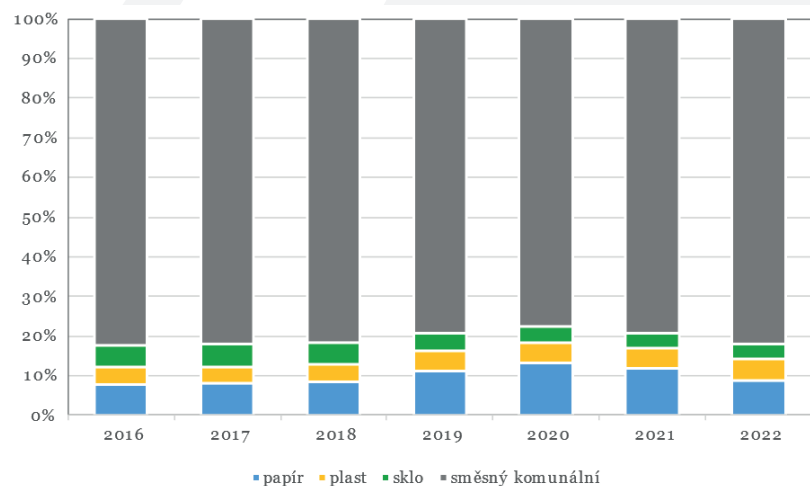
Source: Circular Economy Institution, 2022

Based on the results of the physical waste analysis, measures will be implemented at the individual units and waste infrastructure will be improved with the aim of reducing the amount of mixed waste and increasing the proportion of separated waste. It is worth mentioning here that non-recyclable waste includes infectious waste. The majority of this is paper towels used in toilets, which accounted for 30% of the total waste, but up to 50% in some units. Given the amount of this type of waste, it is recommended that all units install or renew electric hand dryers, which are more economically viable in the long term.

Already in 2022, the waste sorting infrastructure was upgraded at some units, including the Rector's Office and the Faculty of Education. UP would like to continue strengthening the waste infrastructure in the following years, especially at the units that performed the worst according to the analysis.

In April 2022, a training session was held for cleaning staff to improve their knowledge of the importance of waste sorting, to demonstrate how to sort properly, and to discuss the specifics of the different components. The training was provided by EKO-KOM company.

Graph 2: Proportion of sorted and unsorted waste at UP between 2016-2022



Source: records of UP, 2022

Table 3: Amount of waste generated at UP in 2022

waste [in tonnes]	2022			
	paper	plastic	glass	mixed
University building				
17. listopadu 6		0,5		
17. listopadu 7	1,2	0,7		2,6
17. listopadu 8	2,6			25,1
17. listopadu 12	2,5	2,2	1,5	19,6
17. listopadu 50	0,3	0,3	0,2	5,6
17. listopadu 54	4,4	1,3	1,5	33,2
17. listopadu 1131				0,1
Biskupské nám. 1	4,1	0,2	0,1	25,1
Hněvotínská 3		1,9	0,4	70,9
Hynaisova 9		0,5		3,0
I. P. Pavlova 6				0,4
Jiřího z Poděbrad 11				0,3
Kateřinská 17	0,1	0,2		0,7
Křížkovského 8	3,2	0,8	0,6	16,9
Křížkovského 10	4,0	1,0	0,6	19,3
Na Hradě 5	0,5	0,5	0,4	3,1
Na Zákopě 26	1,1	0,9	1,6	8,1
Neředín	6,7	6,5	2,4	87,2
Purkrabská 5	0,3	0,2	0,2	2,2
Šlechtitelů 11	1,3		1,7	7,2
Šlechtitelů 21	1,3	0,5		1,5
Šlechtitelů 27	7,2	1,5	3,5	30,0
Šmeralova 10	2,1	2,0	1,1	16,2
Šmeralova 12	2,3	3,3	1,5	33,3
Šmeralova 6	1,6	1,6	1,2	16,4
Šmeralova 8	2,0	5,2	1,3	23,6
tř. Svobody 8	0,2	0,1	0,4	1,2
tř. Svobody 26	2,6	0,6	0,6	8,2
U Botanické zahrady 1				0,2
U Letiště 32	0,6	0,5		3,3
U sportovní haly 2	0,1	0,1		12,2
U sportovní haly 4	1,6	2,0	1,8	10,0
Univerzitní 5	1,7	0,2	0,4	15,2
Univerzitní 22	0,2	0,1	0,2	2,4
Vančurova				0,7
Vodární 6	0,6	0,3	0,4	5,2
Žižkovo nám. 5	1,4	0,4	0,1	27,1
UP	58	36	24	537

Source: AVE CZ

3. WATER AND GREENERY

SDGs 6, 11, 13 and 15

Since autumn 2022, green surfaces on UP land have been mapped, the results of this process should lead to the expansion of biodiversity on suitable UP land in the form of meadows, planting new trees and orchids. These sites will be supplemented with insect hotels and educational boards that will serve not only UP students and staff, but also the public. A methodology on how to work with green surfaces, how to develop biodiversity and how to take proper care of them will also be developed. At the halls of residence complex on tř. 17. listopadu, nesting sites for western house martins will be built, with the aim of gently relocating their nesting sites from the halls of residence buildings to this tower.

Retention tanks for rainwater harvesting are gradually being introduced at UP. The first retention tank was installed in the building of the Faculty of Arts on Křížkovského Street in 2017. The Faculty of Science has a retention tank in the Botanical Garden building and other tanks are going to be installed on the Envelopa campus. The Faculty of Law also has one retention tank. Another retention tank is being built as part of the construction of the new UP Archive on tř. Míru Street, where drainage is planned through a single rain sewer. Rainwater from the roof of the building and the car park will be discharged into a retention tank with a regulated outflow, which is also connected to a collecting shaft, to which sewage from the building will also be discharged. Last but not least, there are also plans to build parking spaces from grass block pavers, which thanks to their permeability, reduce water run-off.

Figure 3: The building of the Faculty of Science on the Envelopa campus



Source: UP Archive

4. BUILDINGS AND INFRASTRUCTURE

SDGs 6, 7, 9 and 11

In accordance with SDS UP, measures that meet environmental-ly and socially appropriate recommendations are now being considered for all projects which are going to be launched in the near future. In this regard, discussions are ongoing with experts in the field of environmental protection in the vicinity of the buildings in question. An example is the consultation with internal and external ornithologists, where potential risks to birds are assessed and possible measures are proposed that can be implemented on the buildings in question, thus preventing unwanted bird conflicts with the buildings.

The University also favours the revitalisation of brownfields or the reconstruction of older buildings over the construction of new ones - examples include the reconstruction of the historic building of the Faculty of Education "Albinka", which was completed in 2022, the UP Archive, which is currently being completed, or the building of the Science and Technology Park in Envelopa. UP is determined to reduce the energy consumption of buildings, to reduce their negative impact on their surroundings as much as possible and to propose appropriate solutions for their users. The construction of own energy production sources is also considered for all buildings and renovations.

For responsible procurement, Recommended Guidelines for Responsible Procurement for the Purchase of Technology, New Equipment and Appliances have been developed. All purchases and contracts are also discussed with the Sustainable University.



Source: 123RF.com

5. INFORMATION TECHNOLOGIES AND DIGITALISATION

SDGs 4, 9, 11 and 16

With the aim of reducing time, streamlining the process and, most importantly, promoting sustainability, the electronic travel orders system has been improved and updated. As of November 2022, attendance records can be entered and approved electronically as well as applications for a holiday.

Similarly, since 1 September 2022, an amendment to the **R-B-17/08-ÚZ** internal standard has been in force: Assignment of the topic, submission and registration of data on bachelor's, master's, dissertation and rigorous theses and their publication. Thanks to this amendment, students are not obliged to print their theses. Theses can therefore be submitted only in electronic form, which reduces the volume of printing.



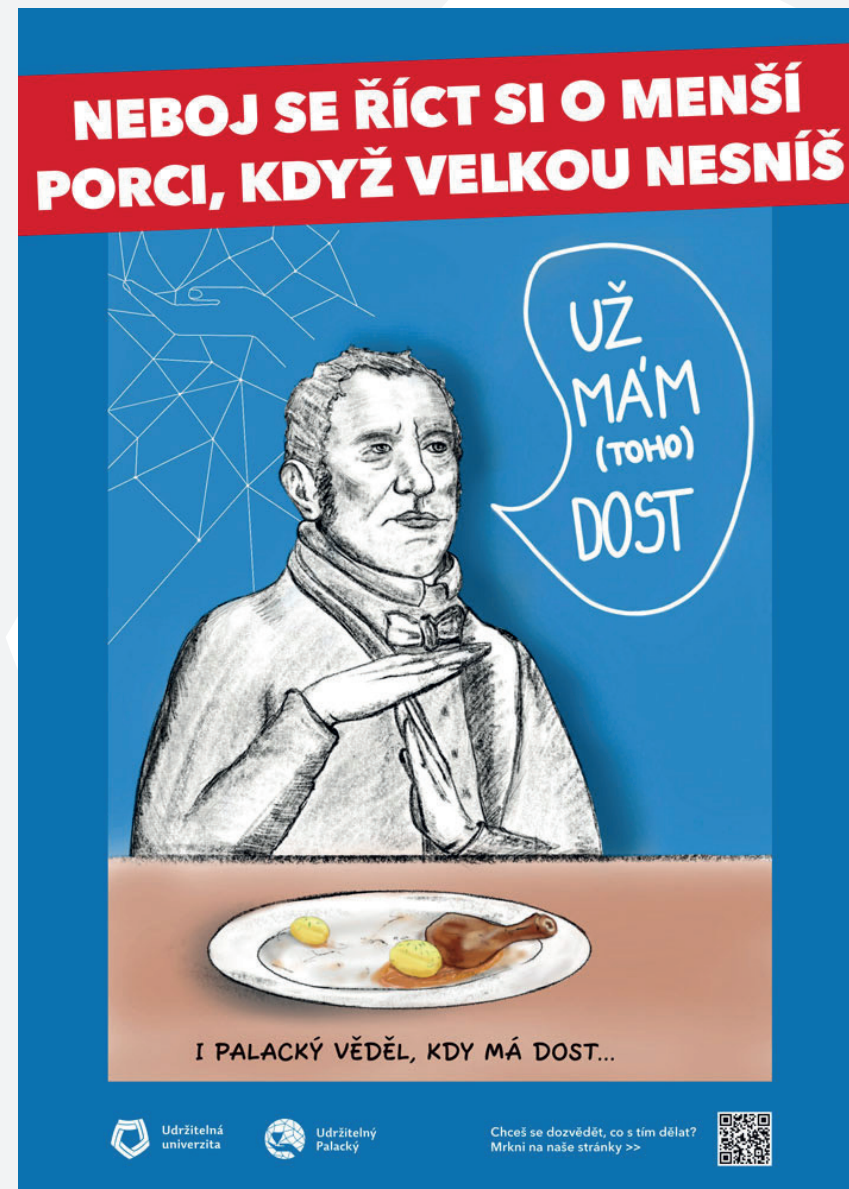
Source: 123RF.com

6. CATERING

SDGs 2, 3, 6 and 12

Since December 2022, a campaign against unnecessary food waste in the UP dining halls has been underway. Information leaflets are placed in the areas where diners queue, motivating them not to waste food and offering them ways to do so. In fact, university dining halls throw away 50 tonnes of food every year. The campaign is designed to draw attention to this figure and motivate diners to waste less – for example, by asking for smaller portions or taking home the surplus.

Figure 4: Poster of the campaign against food waste in UP dining halls



Source: UP Archive 2022

7. MOBILITY AND TRANSPORT

SDGs 3, 9, 11 and 13

At the beginning of 2022, a questionnaire survey was carried out in cooperation with the Sustainable University, prepared by the Department of Psychology under the leadership of Associate Professor Matúš Šucha. It demonstrated that the means of transport that UP students and employees use the least, but at the same time has the greatest potential for development, is the bicycle. The infrastructure in the city and on the premises of the University needs, however, to be improved. Therefore, an analysis of the number of bicycle racks across UP has already taken place and the number will be gradually increased. Bike racks have been extended or added in several buildings in UP. Buildings where space is not yet reserved or is insufficient for bike racks are being further addressed.

UP has also established cooperation with Nextbike and Eagle companies, and discounted subscriptions have been arranged for UP students and employees.

In 2022, UP took part in the Bike to Work challenge, providing free entry fees to hundreds of staff. Throughout the University, a total of 130 employees formed teams and travelled to UP by bike or on foot throughout the month of May, competing against each other in terms of regularity and mileage. In total, they cycled or walked 31,536 km and saved 4.068 kg of CO₂. The best faculty was the Faculty of Medicine, which won the travelling cup. The Car Free Day was also a success, with many employees taking public transport, cycling or walking to work, for which they were rewarded with refreshments, free bike service and other benefits.

Figure 5: Participants of the Bike to Work challenge that took place in May



Source: UP Archive, 2022

8. RESPONSIBLE PURCHASING

SDGs 8, 10, 12 and 16

An analysis of the current state of responsible purchasing at UP was carried out, leading to the creation of Recommended Rules for Responsible Public Procurement. Social and environmental rules for responsible public procurement are therefore observed, such as, for example, decent working conditions, respect for social and labour rights, equal opportunities, consideration of sustainable development criteria including environmental impact issues, ecological footprint of the supplier/product, business ethics, etc. Where relevant, all procurements are consulted with the Sustainable University.



Zdroj: 123RF.com

9. EDUCATION FOR SUSTAINABILITY

SDGs 4, 13, 16 and 17

In the academic year 2021/2022, the Faculty of Science opened a new Bachelor's degree programme: Environmental Risks and Climate Change, which focuses on the assessment of risks associated with natural phenomena, human-environment interactions and risks arising from climate change. This study programme is a joint venture of three departments - the Department of Geography, the Department of Geology and the Department of Development and Environmental Studies. Other study programs and courses focusing on sustainable development and climate change are already being developed at UP.

In 2022, a total of three expert lectures were held for the university community and the general public. An educational programme Sustainability in Practice was prepared for employees and students, where six personalities from the Olomouc region whose professions are connected with sustainability presented their work. As part of the Societas cognitorum series, a lecture by Pavel Nováček from the Department of Development and Environmental Studies entitled Life in the Age of Climate Change took place. The last lecture of 2022 was Climate Change and Ways to Solve it and How to Communicate about it and was presented by Ondráš Příbyla from the Facts on Climate Change organization. Over the summer, UP Žurnál also published the Sustainable Summer with UP series, in which readers could find tips on how to behave more sustainably at home, at work or when travelling. The Sustainable University website offers recordings of all lectures and links to other educational materials in the education section.

In 2022, the Sustainable University took part in several environmental education classes at the Faculty of Education, where, in addition to presenting the activities and plans of the Sustainable University and the Sustainable Palacký student organization, stu-

dents worked on a number of different projects. A promotional video for returnable cups in FreshUP bistros was created, for example, in cooperation with UP Audio-Visual Productions, and posters for the waste sorting campaign were created in cooperation with the UP Communications Office. They will now be widely and uniformly used throughout UP.

Figure 6: Lecture by Ondráš Příbyla Climate Change and Ways to Solve it and How to Communicate about it



Source: UP Archive, 2022

In addition to the above, UP also cooperates with ARPOK, a local NGO founded by UP itself, which provides educational programs for schools and the public in the field of global development education and teaching about current issues in the world today, including the climate crisis and the SDGs.

UP is also proud to have a unique centre for the popularisation of science and research in Central Moravia, called Pevnost poznání (Fort Science). This interactive museum has been operating in a historic building on the grounds of a former fortress (Korunní pevnůstka) in the centre of Olomouc since 2015, when the old unused building was reconstructed almost from complete rubble. Permanent exhibitions, which were created in cooperation with university staff, introduce visitors to the adventure of science as well as new directions for research

and study at the Faculty of Science. There is no doubt that topics on sustainable development have to be included. Water in Landscape is, for example, one of the permanent exhibitions, which presents the flow of water from its source to its estuary and the importance of water on our planet. There are also short-term exhibitions, which often focus on the topic of sustainability. Fort Science also offers educational clubs for children and seniors, educational programs for schools, and provides continuing education for teaching staff.



10. CREATIVE ACTIVITIES IN THE FIELD OF SUSTAINABLE DEVELOPMENT

SDGs 4, 9, 13 and 16

UP also encourages students to address topics related to sustainability and the Sustainable Development Goals (SDGs) in their theses. Plans for the future include financial support for research on these topics or the announcement of a Rector's Award for the best thesis. Topics such as eco-friendly cleaning products, water consumption at UP and others are already being examined or have been examined. Similarly, topics such as the calculation of the environmental footprint of UP or the material recycling of waste of the Olomouc Region are currently offered, the latter being developed in cooperation with the Olomouc Region. Many students cooperate with the Sustainable University on research - for example, mapping the land and the state of green areas on the University's land, mapping the bins and bins for sorted waste, the number of bicycle racks, etc. Scientists are also increasingly encouraged to incorporate the SDGs into their projects, and the Sustainable University is helping them do so by providing advice.

The Sustainable University also cooperates significantly with the student organization Sustainable Palacký. In addition to their own projects, such as the Freeshop, Freefood or the Václavka community garden, active students help Sustainable University with other activities. They jointly organized, for example, a campaign against food waste in the UP dining halls at the end of 2022, jointly organize clothing, book or flower swaps or participate in the Community for Sustainability.

In 2022, there were also many significant scientific achievements from UP laboratories, departments and institutes in the

field of sustainability. Scientists from the Laboratory of Growth Regulators, a joint department of the Institute of Experimental Botany of the Czech Academy of Sciences and Palacký University Olomouc, prepared a new, highly effective plant growth stimulator called MTU. The biostimulant MTU significantly increases the resistance and yield of agricultural crops while not polluting the environment.

Last year, the Czech Advanced Technology and Research Institute (CATRIN), a university institute of Palacký University Olomouc, undertook research supported by a prestigious and unique within the country European Innovation Council (EIC) Transition Challenges grant with a subsidy of nearly EUR 2.5 million. A high-capacity, safe and environmentally friendly supercapacitor, an electricity storage device, will be developed by CATRIN scientists in collaboration with colleagues from Bar-Ilan University in Israel and the Italian company ITELCOND. The research team will use material developed in Olomouc derived from graphene, which is already protected by a European patent. This is research that is intended to put the discovery into practice.

In collaboration with CATRIN, the international SUSNANO project was also launched last year with the primary aim of transferring knowledge from CATRIN and ICN2 to Albanian colleagues to help them raise the profile of their research and support the development of their institution. The project focuses on the area of pollution detection in surface waters, which is a quite significant problem in Albania.

11. COMMUNITY FOR SUSTAINABILITY

SDGs 4, 13, 16 and 17

The aim is to build a community of scientists, employees and students of UP who are actively interested in sustainability issues in various fields and will work closely with the Sustainable University in the implementation of projects, campaigns or research. The first meeting of all interested parties took place on 8 December 2022 (recording available [here](#)). During the meeting, the SDS UP, action plan, as well as plans and projects for 2023 were presented and a discussion about further ideas and project possibilities for the next year was launched. Regular meetings will be held approximately every three months, with the aim of actively involving members of the Sustainability Community in the implementation of the SDS UP goals.



Source: 123RF.com

12. HEALTHY LIFESTYLE AND CARE FOR THE UP COMMUNITY

SDGs 3, 4, 8 and 16

In September 2022, the UP Academic Senate meeting discussed the possibility of introducing an elective course in physical education for UP students. Inadequate financial infrastructure in supporting sports at UP was also pointed out. The idea of implementing an elective course in physical education was supported by the senators in attendance and supplemented by a number of important suggestions that still need to be addressed. Thus, no resolutions were adopted and the entire idea continues to be refined.

UP prides itself, however, on several facilities that are accessible to both UP staff and students and the public as part of a healthy lifestyle. These include the BALUO Application Centre and Akademik Sport Centre UP. BALUO is a unique science and technology park aimed at promoting a healthy lifestyle, preventing civilisation diseases and optimising physical activity. It is part of the Faculty of Physical Culture of UP. Similarly, Akademik Sport Centre UP offers a number of sports courses, the possibility of using archery ranges or a sauna at discounted prices for students and employees of UP.

Mental health, which is excessively burdened in the current accelerated age of technology and the Internet, is also an important aspect of a healthy lifestyle. This is why the University provides a free visit to the Psychological Counselling Centre for students and employees of UP. In addition to personal, family or study problems, the counselling centre also provides assistance to students and employees of UP affected by the war conflict in Ukraine. UP also runs a nationwide certified E-safety project focused on prevention, education, research, intervention and awareness raising related to risky behaviour on the Internet and related phenomena. In recent years,

it has also focused on the positive use of IT in education and everyday life. The E-Safety project is implemented by the Centre for Prevention of Risky Virtual Communication of the Faculty of Education of UP in cooperation with other organizations.



Source: 123RF.com

13. EQUAL OPPORTUNITIES FOR EVERYONE

SDGs 1, 3, 5 and 10

In 2022, the University was awarded the Olomouc Region Governor's Award for Social Responsibility. It confirms the fact that UP has successfully fulfilled the so-called third role of the University in the long term, which means working for the benefit of society. The University has been organizing lectures, discussions and educational activities for the public for some time now. Last but not least, the voluntary activities of students and staff and the active UP Volunteer Centre, whose indispensability was demonstrated, for example, in coordinating aid in the first months of the war in Ukraine are also worth mentioning here.

An analysis of equal opportunities was carried out at UP in 2021, which led to the creation of the Gender Equality Plan, which sets specific goals for the period 2022/2023 aimed at gender equality throughout UP.

In order to support women and men studying and working on maternity/parental leave and provide some facilities for them and their children, a nursing room for parents with small children is available in several UP buildings, namely at the Faculty of Science, the Faculty of Education and the Faculty of Physical Culture. Children's groups have been set up for employees with small children at five units (the Faculty of Theology, the Faculty of Arts, the Faculty of Science, the Faculty of Education and the Faculty of Physical Culture). The Faculty of Physical Education also has a children's corner. The UP Kindergarten operates on the premises of the halls of residence, providing care for the children of UP's employees and students.

Support not only for students with special needs is dealt with by a specialized workplace, the Support Centre for Students with Special Needs, whose main goal is to support students with special needs or from socially or ethnically disadvantaged backgrounds. It provides services to prospective students, female and male students, staff, as well as secondary schools teachers who are interested in the issue. It also offers courses with respect to the specific needs of individual users.

The University has a newly updated Code of Ethics, which applies to the creative and pedagogical activities of academic and scientific staff and to the activities of UP students. The principles of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers have been implemented in the Code of Ethics. In addition, new stimuli have been introduced over the course of the update of the Code that included a much broader discussion of the issues of abuse of power, sexual harassment and abuse of influence. To this end, the Faculties of Arts, Science and Law have established an ombudsperson institute, which has the role of a guardian of the rights of staff and students. The Faculty of Education is preparing such an institute. The plan for 2023 is to establish an ombudsperson position at the university level. The person who will hold this position will serve and protect the rights of not only students from faculties where this institute does not exist, but also all persons employed at UP.

14. SUPPORT FOR THE REGION

SDGs 11, 13, 16 and 17

Within the Olomouc Region, the University has established cooperation with the Office for the Environment and is jointly addressing the possibilities of further use of gastro waste, which is generated mainly in the dining halls of the University.

The cooperation between UP and the Statutory City of Olomouc has flourished in recent years. UP is a member of Místní agenda 21 (Local Agenda 21) and Smart City, which is a program (strategic plan) for the development of the city, characterised by the effort to solve global problems locally – i.e. on the territory of the municipality or region, especially in the field of sustainable development. UP is also negotiating with Dopravní podnik Olomouc – the transport Company of Olomouc – regarding the improvement or strengthening of the transport infrastructure when it comes to commuting to the University, with the aim of reducing the number of car commuters. Experts and specialists from UP participated in the development of the Adaptation and Mitigation Strategy for the City of Olomouc and its objectives were also mutually reflected in SDS UP. UP also established closer cooperation with Sluňákov – the centre of environmental activities of the city of Olomouc, with which they jointly organize educational events such as Sustainability in Practice event, Facts about Climate seminar or Olomouc Ecological Days. UP students and teachers also go to Sluňákov for internships and educational programs and help at various events.

The University is also aware of the importance of the relationship with the general public, which is why the university project Civic University – UniON was created, which is a university platform based on a partnership approach and mutual dialogue with the public. The aim of the project is to organize educational presentations and courses for the target groups.



Source: 123RF.com

15. STRATEGIC PARTNERSHIPS

SDGs 11, 13, 16 and 17

For the past two years, UP has been a member of the Aurora Alliance, which brings together nine European universities to address social responsibility, sustainability, digitalization and cultural diversity. In 2022, UP participated in the creation of the **Sustainable Campus Action Plan**. The plan aims to encourage participating universities to use energy sustainably, implement sustainable and green buildings, promote biodiversity, favour regional food, responsible procurement and more.

In 2022, UP was included in the international UI Green Metric World University ranking, which evaluates the environmental friendliness of universities. Out of 956 universities, UP was ranked 546th. In the **Times Higher Education Impact Rankings 2022**, UP was ranked 201st-300th overall, sharing the number one position in the Czech Republic with Charles University and the Czech University of Life Sciences in Prague. In the **QS World University Rankings: Sustainability 2023**, UP was ranked 451st-500th out of approximately 700 universities that were included in the ranking of the world's more sustainable universities.

The University is also a partner with the Czech Development Agency, which is a modern donor agency that cooperates with public administration, the non-profit sector, universities and research institutions, and the private sector. The Czech Forum for Development Cooperation (hereinafter referred to as "FoRS") is also among the partners of the Czech Development Agency. This is a platform of Czech non-governmental non-profit organizations and other non-profit entities involved in development cooperation, global development education and humanitarian aid, of which UP is also an active partner. These partnerships of UP with the regional and global community contribute to

the development of the intellectual wealth of society, to its sustainable scientific, technical, cultural and social development.

UP is also a partner of other initiatives, platforms and non-governmental non-profit organizations working on development and the SDGs. An example is the largest initiative for corporate social responsibility and support for achieving the SDGs in the Czech Republic, the Association of Social Responsibility, which, like the Regional Centre of Expertise on Education for Sustainable Development, organizes conferences on this topic. UP is also one of the partners of this association, which aims to promote changes towards sustainability in formal and non-formal education using a step-by-step approach.

Figure 7: CRP Unilead conference in February 2022



ZSource: UP Archive, 2022

Appendices

Table 4: Action plan for the implementation of the SDS UP for 2022-2023 at the end of 2022

Measures	Output	Number of outputs	In the process	Fulfilled
1.1	Energy audit. Energy performance certificates for buildings.	2	2	
1.2	Document defining the organization, processes, responsibilities and information flow between the individual units of UP for the preparation of a system for monitoring and evaluation of energy consumption based on an agreement between UP units.	1		
1.4	Number of buildings for which appropriate energy reduction measures were consulted during their design.	1	1	
2.1	Waste analysis including proposed measures to improve waste management at UP.	1		1
2.2	Improvement of waste management infrastructure at UP. Reducing the amount of waste generated year on year. Reducing the proportion of mixed municipal waste in the total waste stream and increasing the proportion of segregated waste. Significant reduction in the use of disposable packaging at UP.	4	3	1
2.3	At least one training session for the cleaning staff. Design training for the entire UP community.	2	1	1
2.4	Concept of the possible use of gastro-waste.	1		1
2.5	IT platform for sharing assets.	1	1	
3.1	Water audit.	1		
3.4	Document mapping the greenery at UP. Methodology of how to work with greenery, how to develop biodiversity and how to take care of them.	2	2	
4.1	Number of buildings for which appropriate measures to apply sustainable solutions were consulted during their design.	1		
4.3	Methodology for implementing sustainable elements in new building and renovation projects.	1	1	
4.4	Recommended rules for the Procurement Office. Cooperation with the Sustainable Office on the purchase of the above items.	2		2
4.5	Methodology for the building information model implementation at UP. Allocation of one employee for this agenda.	2		
5.1	Electronic approval workflow. Efficiency improvement of electronic travel orders. At least one course for staff.	3		3
5.2	Amendment of the R-B-17/08-ÚZ internal standard: Assignment of the topic, submission and registration of data on bachelor's, master's, dissertation and rigorous theses and their publication and its effectiveness from 1 September 2022.	1		1
5.4	Reducing the total number of business and study trips from the 2019 base year (excluding 2020 and 2021).	1	1	
6.3	At least one food waste reduction campaign.	1		1
6.4	Elimination of drinks in plastic bottles and disposable tableware at meetings of UP bodies.	1	1	

7.1	Final report of the questionnaire survey on sustainable mobility including proposed solutions.	1		1
7.2	At least one campaign per year to promote sustainable mobility. Proposal for the upgrade of sustainable mobility infrastructure based on measure 7.1, or the implementation of such measures into planned reconstructions.	2	1	1
7.3	Negotiations with the Association of Towns and Municipalities of the Czech Republic and the Transport Company of Olomouc on the possibilities of optimising public transport.	1	1	
8.1	Analysis of the current state of implementation of the Public Procurement Office. Participation of the Sustainability Office in the preparation of documents for public tenders.	2		1
8.2	Recommended rules for the Public Procurement Office.	1		1
8.3	Methodology for the purchase of advertising and promotional items at UP.	1		
9.1	Draft of a syllabus for Sustainable Development course in category C. Involvement of students in activities related to sustainability in at least one course.	2	2	
9.2	Implementation of at least one lecture on sustainability per academic year. Existence of an online database with topics of sustainable development.	2		2
9.3	Organization of at least one sustainability campaign per academic year.	1		1
9.4	Publishing of at least one sustainability-related article per semester.	1		1
10.1	Analysis of the potential in education and creativity in sustainable development.	1	1	
10.3	Rector's Award for Sustainability. Financial support for sustainability-related research.	2	2	
10.5	Analysis of the quantitative representation of sustainable products in UPoint in 2021.	1		
11.1	The establishment of sustainable community and holding of the first meeting of its members.	2		2
11.2	Involvement of members of sustainable community in the implementation of the Action Plan. Suggestions for further activities from members.	2	2	
12.1	At least one new sustainability benefit.	1		1
12.3	Expanding sport options and the number of hours in the UP curriculum design.	1		1
12.4	Expanding and promoting the offer of counselling and psychological care.	1		
13.1	Membership in the Equal Opportunities Working Group.	1		
13.4	Proposal for joint activities for the period.	1		
14.1	Debate and seeking a solution with the Statutory City of Olomouc and the Olomouc Region concerning all of the above-mentioned themes.	1	1	
14.2	Organization of at least one activity or event with the above-mentioned bodies each year.	1		1
15.1	Inter-University courses focused on sustainability. Sustainable campus action plan. Footprint reduction plan.	3	1	2
15.3	Membership in the Corporate Social Responsibility Association.	1		1
15.4	Commitment to Corporate Social Responsibility model.	1		
15.5	Participation in the UI Green Metric World University Ranking.	1		1
15.6	Membership in the Socially Responsible Public Procurement platform.	1		1
Overall		65	24	28